



REF: 20/043

March 5th, 2020

Dear Mr. Inoue,

In accordance with the provisions of the grant agreement signed on 1st of March 2018 between the Government of Japan and the United Nations Development Programme (UNDP), please find attached the annual narrative and financial reports of the Solid Waste Management System Strengthening in Haiti's project for the year 2019.

In 2019, the main results were: (1) Official launching of the project and agreement with main stakeholders on the establishment of a thematic group to support MDE/SNGRS in addressing SWM issues and strategies; (2) Provision of technical assistance, supplies, human resources, useful tips to MDE/SNGRS; (3) Memorandum of Understanding (MOU) between State University of Haiti and UNDP to foster innovative research and knowledge production and dissemination on solid waste; (4) Implementation of an inclusive community program of sanitation and waste collection and transport in 25 localities, generating 920 direct and temporary jobs including 45% of women; (5) Development of a capacity building program for partner municipalities; (6) Completion of an essay contest on SWM issues in Ouanaminthe with 131 students of 22 secondary schools; (7) Establishment and provision of technical assistance to two community platforms and 27 neighborhood committees to promote community engagement in efforts of sustainable SWM; (8) Conduct of the baseline study and development of communal plans of SWM.

The total amount of expenditure for the year 2019 was \$634,702.91 US dollars, the details of which are available in the financial report.

In 2020, the project plans to achieve the following: (1) Establishment of an inclusive thematic group on SWM issues and strategies ; (2) Substantive support to research and knowledge production and dissemination on solid waste; (3) Provision of technical assistance to MDE/SNGRS and main stakeholders; (4) Implementation of a capacity building program on SWM with municipalities; (5) Continuation of the capacity building efforts of community platforms, neighborhood committees and partner municipalities; (6) Conducting the feasibility studies and initiating the process of construction of SWM infrastructures.

Thanking you once again for the support of the government of Japan for the realization of this important project for Haiti, I remain at your disposal for any further information that you may require.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Fernando Hiraldo p.o.'.

Fernando Hiraldo

Resident Representative

Mr. Taisei INOUE
First Secretary
Japan Embassy in Haiti
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de la part du
Peuple japonais



Annual Report 2019

Project of Solid Waste Management System Strengthening in Haiti Municipalities of Ouanaminthe, Jérémie and Mirebalais

Funded by the Government of Japan

January 1st, 2019 - December 31th 2019

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List of abbreviations

BNEE	National Office of Environmental Assessment
MDE	Ministry of Environment
MoU	Memorandum of Understanding
MPCE	Ministry of Planning and External Cooperation
NGO	Non-Governmental Organization
NIM	National Implementation Modality
PRODOC	Project Document
PSDH	Haiti Strategic Development Plan
SNGRS	National Solid Waste Management Service
SWM	Solid Waste Management
TOR	Terms of reference
UEH	State University of Haiti
UNDP	United Nations Development Programme

Project Background Information

Project Name:	Solid Waste Management System Strengthening in Haiti		
Project Number:	00103055		
Implementing Partner¹:	Ministry of Environment (MDE)		
Responsible Entity	Ministry of Environment, United Nations Development Programme		
Implementation Modality	National Implementation Modality (NIM)		
Project Location:	Haiti in general and specifically in Ouanaminthe (North East Department), Jérémie (Department of Grand 'Anse), and Mirebalais (Center Department).		
Beginning Date:	March 2018		
End Date:	March 2023		
Impact of the Program on the Country	The national, regional and local institutions as well as the civil society improve the management of urban and rural areas, agriculture and the environment, as well as the mechanisms for prevention and risk reduction, in order to strengthen the population's resilience to natural disasters and climate change.		
Results of the Program in the Country	<p>3.1 The national actors have the knowledge, the capacities and the tools to improve natural resource management as well as risk reduction and management.</p> <p>3.2 Some mechanisms and partnerships are implemented to promote sustainable patterns of production, distribution and consumption.</p>		
Total resources needed:	USD 8 530 967		
Total resources allocated:			
	UNDP TRAC:	USD 500 000	
	Government of Japan:	USD 8 030 967	
	Government:		
	In-kind Contributions:		

¹ Note: The term « *Implementing Partner* » can also be understood as « *Completion Partner* » or « *Execution Partner* ».

I. Implementation Context

During the first quarter of 2019, key project stakeholders completed and signed the substantive revisions initiated in 2018. This was a way to align project activities and strategies with the priorities of the new minister of environment and the new management of SNGRS in terms of SWM. Since both the Minister of Environment and the Director of SNGRS were new in their leadership position following the change of government in September 2018, it was an opportunity to meet the new requirements of the ministry and to engage in a more participative approach that would ensure national ownership of the project. In fact, once the substantive revisions process was completed, the Minister launched the project jointly with Japan Ambassador and UNDP. Several stakeholders of the solid waste sector took part in the ceremony which was widely covered by main Haitian media.

After second quarter of year 2019, several major events occurred in the country. It was a particularly challenging year for Haiti that experienced widespread political unrest. Due to the repetitive lockdown, road blocked, violent protest and political unrest situation both governmental and non-governmental institutions suspended or postponed their activities. The project was forced to postpone several activities and refine the planning in order to move forward, implement specific activities and develop new strategies in view of the general situation of political instability and ungovernability. In addition, because of the political situation, the management of SNGRS was changed during the third quarter of 2019.

Following this change, Project management held several meetings with MDE staff and both the new general director and the staff members of SNGRS to develop new implementation strategy and to plan technical assistance activities with MDE/SNGRS. During the last quarter of 2019, Japan's technical team met UNDP senior management, the resilience unit and the project manager to discuss project strategy in relation to the context and planned activities.

II. Ties with the PNUD's Program priorities and the Government's priorities

Solid waste management is part of UNDP's priorities through the "Country Program for Haiti" which, in partnership with the Ministry of Environment, promotes the "participatory debates on waste management and use". It is reflected in the Sustainable Development Goal 11 of the 2030 Agenda, which considers sustainable cities and communities. It also aligns with several UNDP strategic documents, such as the United Nations Strategic Framework in Haiti and the 2017-2021 Sustainable Development Framework.

Solid Waste Management remains a key priority for the Government of Haiti and actors working in the sector in Haiti show a strong interest in the current discussion and exchange organized by the project so far. The Ministry of Environment continues to assure the leadership in the sector and is highly involved in the decision that are being taken to achieve sustainable results pertaining to the sector.

III. Progress of the project's activities

Project management worked in synergy with MDE/SNGRS teams in both Port-au-Prince and regions to plan project activities and scheduled goals. The following sections present details regarding the implementation process during the year of 2019.

Here are the key achievements during the year of 2019:

- Substantives revision was completed, and validated;

- The project was officially launched jointly with MDE, Japan and UNDP in the presence of several stakeholders of the SWM sector;
- Baseline study and communal plans of SWM are being developed and will be completed by January 2020;
- The capacity building program of the MDE/SNGRS is ongoing and a substantive technical assistance and support is provided to MDE/SNGRS including supplies, equipment, human resources and useful tips;
- Both national and international consultants are hired and are available to strengthen capacity of MDE/SNGRS and other state entities;
- An active communication campaign was conducted in municipalities of Jérémie and Ouanaminthe;
- A community program of sanitation and waste collection and transport was implemented in Jérémie and Ouanaminthe for the creation of 920 direct and temporary jobs including 411 women (45%), the collection and transportation of 3595 cubic meters of solid waste on appropriate sites and the cleaning of 3490 linear meters of canals in 25 localities to prevent flooding and improve the living conditions.
- An essay contest was carried out on SWM issues in Ouanaminthe jointly with Ministries of Environment and Education at the departmental level. As a result, 131 students, among them 54 girls from 22 secondary schools, shared their understanding on the SWM in Ouanaminthe;
- Main stakeholders of the solid waste sector met and agreed on the establishment of a consultative platform with the aim of improving the legal framework and providing support to the Haitian government in addressing SWM issues;
- Two community platforms and 27 neighborhood committees were established and assisted in Ouanaminthe and Jérémie to encourage and promote community engagement in efforts of sustainable SWM;
- A Memorandum of Understanding including SWM was signed by UNDP and State University of Haiti (UEH) and discussions are ongoing to complete the list of topics that will be developed by students to promote innovative researches and knowledge production and dissemination on solid waste;
- A joint retreat was organized by UNDP and MDE/SNGRS to foster synergy and good practices in terms of collaboration in a NIM project. Both project and MDE/SNGRS teams based in Port-au-Prince and in regions (Jérémie and Ouanaminthe) took part in this retreat.

3.1 Component 1: Technical assistance to the Ministry of Environment / SNGRS

3.1.1. Completed substantive revisions and launch of the project

During the last quarter of 2018, implementing partners discussed and analyzed the necessary revisions and then incorporated them into the project document in line with the new MDE priorities. Substantive revisions were subsequently submitted to the Steering Committee for discussion and validation. In January 2019, implementing partners agreed on proposed amendments then adopted and signed the substantive revisions document.

As a result, MDE/SNGRS, Japan and UNDP launched the project on April 30, 2019 in the conference Room of the Ministry of Environment. About 40 civil society, Ministry of Interior, NGO, enterprises, representatives responded to the invitation of the MDE. The minister held a press conference of the project and SWM issues in general and the project factsheet was distributed to participants. The main Haitian media were present, and the ceremony was widely disseminated as it can show in the links below².

² http://mail.lenational.org/post_free.php?elif=3_CONTENUE/societes&rebmun=3145

<https://www.mde.gouv.ht/index.php/fr/nos-publications/our-publications/83-invitation-aux-medias>

<https://www.ht.undp.org/content/haiti/fr/home/presscenter/pressreleases/2019/le-mde-a-lance-le-projet-de-renforcement-du-systeme-de-gestion->

3.1.2. Establishment of the advisory and discussion platform

One of the main expected results of the project is the establishment of an advisory structure to develop synergy among actors of the solid waste sector and support the Haitian government in addressing SWM issues through effective collaboration with state entities.

The year of 2019 was particularly dedicated to the intensification of synergy development efforts with stakeholders in the sector. A national consultant in capacity building has been recruited to support project efforts related to the establishment and the operation of the platform.

Several meetings have been held with main stakeholders in order to discuss the establishment process of the consultative platform. During these meetings, participants discussed project objectives and expected results, experiences and lessons learned in the sector, synergy development between stakeholders, Terms of reference (TOR) of the Platform, SWM perspectives and so on. More than fifteen stakeholders have been met including universities, donors, both national and international NGO, associations elected officials, civil society members.

All the actors met expressed their sustained interest in the initiative and are ready to participate and contribute to the efforts towards concerted and sustainable solution regarding the SWM issues in Haiti. Some major challenges and constraints were discussed such as land conflicts, capacity of the municipalities in terms of managing equipment and infrastructures, need of effective coordination between MDE, SNGRS and local authorities, the need of improving the legal framework and ownership of the civil society. Actors agreed to work on the proposed mandate and TOR and to launch the platform by the end of January 2020 if the socio-political situation allows it. In parallel, the idea of carrying out a workshop on best practices and lessons learned between February and March 2020 was introduced and presented to stakeholders.

Table 1: Main SWM stakeholders met in 2019

National and local authorities	Universities and research center	NGO	Donors	Other cooperation
<ul style="list-style-type: none"> National Federations of Haitian Mayors and CASECs (FENAMH & FENACAH), Ministry of Interior Minister of Social affairs Mayors of Mirebalais, Jérémie and Ouanaminthe. 	<ul style="list-style-type: none"> State University of Haiti (UEH), University of Limonade, Quisqueya University, (UNIQ) Ecole Nationale de Géologie Appliquée (ENGA) 	<ul style="list-style-type: none"> Groupe de Recherches et d'Echanges Technologiques (GRET) Comité de Liaison Inter-organisations (CLIO³) Fondation Connaissance et Liberté (FOKAL) Agro Action Allemande (AAA) 	<ul style="list-style-type: none"> USAID Inter-American Development Bank, European Union, French Development Agency 	<ul style="list-style-type: none"> Municipal Cooperation Program of the City of Montreal (Haiti-Canada) APEFE (Belgium cooperation in Haiti)

3.1.3. Capacity building of MDE/SNGRS and other entities

In addition to the support of the recruited national consultant in capacity building to the consultative platform, his role and responsibilities include the provision of technical assistance to MDE/SNGRS, ministries and state

[d.html](#)

<https://www.haitilibre.com/article-27609-haiti-japon-lancement-du-projet-de-renforcement-du-systeme-de-gestion-des-dechets-solides.html>

<https://twitter.com/EnvironnementHT/status/1123290736554856448>

³ which is a platform of more than seventy Local, National and international NGO

entities interested in SWM to encourage the inclusion of SWM in their strategy, planning and annual budget. Thus, the consultant has initiated discussions with MDE/SNGRS to define activities, working strategy and the collaborative approach. Ongoing discussions aim to ensure that effective support is provided to our partners. It should also be noted that an international consultant in capacity building has been recruited for the project and will be working with MDE/SNGRS on effective SWM strategies.

In parallel, project management has initiated discussions with MDE representatives regarding the implementation process of the agreement between MDE and the Ministry of Education (MENFP) on the integration of environmental aspects in educational programs. A collaborative document has been shared and is currently under discussions.

Lastly, the project provided direct support and technical assistance to the implementing partner to strengthen its capacity in terms of SWM in general. Indeed, a consulting communication firm on environmental issues called « Action pour le climat, l'environnement et le développement durable - ACLEDD » has been recruited for MDE/SNGRS based on an existing memorandum of understanding between MDE and the firm. The latter will be providing communicational assistance to MDE/SNGRS to carry out an awareness campaign on SWM by developing and disseminating communication tools and materials related to effective SWM. ACLEDD will be using all available digital communication channels in addition to its network of traditional media through its platform "Haiti Climat". Several communication channel will be used by "Haiti Climat" including: a web site www.haiticlimat.com, a weekly radio show on Magik 9, socio media accounts affiliated to "Haiti Climat" a weekly column in Le Nouvelliste and a network of environmental journalist affiliated to ACLEDD. Since it is a direct support to MDE/SNGRS, all the process including contract and activities was implemented by MDE and ACLEDD. The project will support the services cost for MDE/SNGRS.

Beyond this aspect, some other direct supports were provided to the MDE/SNGRS to strengthen its capacity. This includes a set of communication materials to facilitate awareness and sharing of information on SWM, office supplies, fuel and other necessary items to ensure normal operation of the system. Discussions are ongoing to develop a capacity building strategy for staff members of MDE/SNGRS, plan and organize communication, awareness and advocacy events focusing on SWM across regions. Production and dissemination of communication and information material on SWM will also be considered.

3.1.4. Synergy with key stakeholders

Stakeholders' involvement is key for achieving sustainable results regarding SWM. During this second year, strengthening synergy between key stakeholders was one of the focus.

- **Working sessions with universities**

Several working sessions held with both private and public universities and faculties on project activities, expected results and need of synergy with the university sector. Discussions were mainly about the development and reinforcement of partnerships and cooperation with universities and research centers in order to produce and disseminate knowledge and good practices on SWM in Haiti. Among representatives and research professors that were met, State University of Haiti (UEH), University of Limonade, Université Nouvelle Grand'Anse (UNOGA), Quisqueya University (UNIQ) and Ecole Nationale de Géologie Appliquée (ENGA).

As a result of these sessions, UNPD and UEH agreed and signed a Memorandum of Understanding (MoU) that will allow them to collaborate on various aspects including SWM issues. Discussions between project management, the UEH council and some deans are ongoing to define and carry out research on five main topics and aspects of solid waste: economic opportunities, sociological, technical, legal and environmental. A guideline note was developed and discussed with UEH. The final version is currently under discussion in

Faculties and UEH councils. The process of selecting topics, faculties, students and teachers is in progress and should be completed by January 2020.

In addition, following discussions with other private universities, project management is working on a new strategy to facilitate the participation of private universities and research centers in a transparent manner. Thus, a call for interest is currently under development jointly with MDE and will be disseminated to encourage a large participation. Actors of the university sector may propose topics on SWM in Haiti as the five main topics and aspects above. All modalities and criteria will be shared with participants interested in promoting researches and dissemination of information regarding the SWM issues in Haiti.

- **Collaboration with the National office of environmental assessment (BNEE)**

BNEE is working under the leadership of MDE. It is responsible of the process of validating all environmental assessment conducted in Haiti. In order to ensure that all social and environmental issues will be addressed, many information and discussion meetings held, and a joint visit was carried out with BNEE's team from April and May 2019 in the municipalities of Jérémie, Ouanaminthe and Mirebalais. Indeed, discussions held with BNEE on criteria and guidelines in terms of SWM infrastructures and the selection process of a construction site.

- **Joint workshop UNDP-MDE/SNGRS**

In order to ensure that project staff members, SNGRS and MDE representatives including BNEE developed a similar understanding regarding the project, planned activities and expected results, a joint retreat was carried out from September 3 to 5 at Moulin sur Mer. During this session, participants discussed several subjects including project workplan, implementation strategy, expected results, monitoring and evaluation, communicational aspects, environmental standards and UNDP and MDE/SNGRS administrative procedures. By organizing this retreat, project management wanted specifically to anticipate delay, reinforce the technical aspect and encourage project ownership. Participants⁴ agreed to work closely to improve communication with communities, strengthen synergy between MDE and UNDP's teams in the implementation process and collaborate in a more proactive approach in order to speed up the operational implementation.

- **Working sessions with MDE/SNGRS**

Several working sessions have been held with both former and new directors and staff members of SNGRS to define and plan project activities and keep a solid collaboration with MDE/SNGRS. Following the retreat, there was a change in the management of SNGRS. To follow up ongoing discussions with the former staff, project management met the new director and its team to discuss project details. The approach consists of working at two levels. On one hand, project management, resilience unit and UNDP senior management work directly with the management of MDE/SNGRS for strategic planning and final decisions through steering committee and official representatives of MDE/SNGRS. On the other hand, several meetings and discussions held with technical staff on behalf of the management to ensure that the project will not have to start over but will be able to follow up in case of change.

- **Coordination with the donor**

⁴ Among participants: general director and two staff members of SNGRS, director and one staff member of BNEE, National coordinator of the project for MDE, one minister's advisor and a secretary of the minister, all the project staff member and representatives of UNDP including Management Support and Resilience Units.

UNDP works in close consultation with the donor which is the government of Japan and the implementing partner which is Ministry of Environment. All main activities were discussed with them and recommendations were considered. On November 22, 2019 UNPD met representatives of the donor at the Japan embassy⁵. During this meeting, discussions held on project progress and adopted strategies following the repetitive periods of country lock down and uncertainty about the change of government. The project management presented project results, challenges and strategies. Participants discussed strategies and lessons learned. The focus was on the current socio-political situation and the best way to pursue project activities and achieve its goals. Japan representatives were satisfied and recommended an aggressive communication campaign on the ongoing municipal essay contest on SWM issues in Ouanaminthe.

3.2 Component 2: Capacity building of partner municipalities in terms of sustainable solid waste management

During this second year of implementation, the two planned regional offices were established, equipped and operational in Jérémie and Ouanaminthe. With a field coordinator and a mobilizer, each office carried out project activities and ensured that community engagement is considering.

3.2.1. Education and awareness program on SWM

- **Capacity building efforts in municipalities**

A consulting firm (Geo Plan) has been recruited to support project staff in capacity building efforts in municipalities of Jérémie and Ouanaminthe. Its role is to develop and implement a SWM capacity building program for the institutions, the enterprises, the schools and communities of the beneficiary municipalities. The first deliverable which is a list of training and workshop topics was proposed, discussed and validated. Among the broad topics, the consulting firm will be covering: waste characterization, hazardous waste management, Safety and hygiene in SWM, Organization of a waste management center, recovery of solid waste, solid waste and public health, the 4 R (recycle, reuse, reduce, recover) in SWM, public health and environmental protection and exchanges experience on SWM. Geo Plan is working on developing the content of the workshops and the training modules. February 2020 is the expected period for starting the planning and the organization of training sessions and technical workshops on SWM.

- **Essay contest on SWM**

As it is mentioned above, the project is carrying out a contest on SWM with secondary school students of Ouanaminthe using the topic: SWM in Ouanaminthe is everyone's responsibility. Would you agree? The contest is being implemented in close consultation with the school district office of Ouanaminthe working under the leadership of the North East departmental directorate of Ministry of Education. A jury of five (5) members was selected by the school district office of Ouanaminthe. Among participants, a long list constituted of twenty-one (21) schools represented by One hundred and nine (109) secondary students including fifty-four (54) girls and fifty-five (55) boys. During the contest an until the final event planned for January 2020, an aggressive communication campaign has been launched and reinforced. A special documentary is under development. A special event will be organized to award the prizes to the twelve (12) winners of the four (4) categories including the three (3) best essays of each category: secondary 1, 2, 3 and

⁵ UNDP was represented by the Deputy Resident Representative, the head of resilience unit, the chiefs of SWM and DRR projects and project. Taisei INOUE a secretary of Japan embassy and Nicolas DORLEON who is a consultant in political economy in charge of project monitoring were represented Japan Embassy.

4. All the schools will be receiving garbage cans for a better management of solid waste. All the participants will receive a special price from UNDP.

- ***Awareness and communication campaign***

As developed in the communication plan, an aggressive communication and information campaign has been carried out. Project staff is working jointly with established community structures to sensitize and inform the population on SWM issues, lessons learned, strategies, best practices. Many awareness sessions have been held in both Ouanaminthe and Jérémie in public spaces and with communities. Communication materials installed and distributed to the local population to disseminate knowledges on SWM. In Jérémie, the project worked with Civil protection local coordination to sensitize local population regarding risks in line with inappropriate management of solid waste. Key messages were integrated into DRR materials. In Ouanaminthe, project staff conducted information sessions in schools. More than thirty schools and twenty main localities have been reached by the communication and information campaign. A documentary is being produced on the contest and will be disseminated widely.

3.2.2. Community and local engagement strategy

- **Establishment of Community platforms and neighbourhood committees**

During the year of 2019, the project established, strengthened and made operational a community platform in Jérémie and Ouanaminthe with the participation of the main stakeholders interested by SWM issues in each municipality. These platforms are composed of representatives of both civil society association and leaders as well as communal and departmental state institutions. Their main role and responsibilities are to accompany the municipality in coordinating and managing efforts regarding SWM. Terms of reference were developed and adopted by the members of each municipality.

In parallel, the project has supported local communities in establishing and strengthening neighbourhood committees that will encourage and promote local participation, community engagement, sharing of information and knowledge on SWM good practices and strategies that best fit with their community and ownership of sustainable SWM efforts. A total of 27 committees established and strengthened including 11 in Ouanaminthe and 16 in Jérémie. 32.8% of the members are women. Each committee is constituted of people living in the same areas and who agreed to work together to fight against solid waste mismanagement practices by promoting good practices and lessons learned in terms of sustainable SWM strategy.

Both community platforms and neighbourhood committees have full support of the project. A community program on SWM collection and transportation to appropriate places has been planned with the committees but was postponed to 2020 because of the socio-political context which was not suitable.

- **Sanitation and solid waste collection campaign**

Jointly with local actors and state institutions of partner municipalities, a sanitation and solid waste collection campaign was implemented under the theme: "*working together to keep the city clean*"

In Jérémie, the project worked with the mayor and the departmental directorate of the Ministry of environment to establish a team of communal and departmental actors to support efforts of sanitation and collection of solid waste in the city. Key members of the team are municipality of Jérémie, departmental directorates of Ministries of environment and public works, departmental delegation, Mayors' association of Grand Anse (AMAGA).

During the month of August 2019, the main areas⁶ and canals benefited from cleaning operations and canal dredging work carried out by the project. A total of 520 direct and temporary jobs was created. More than 2800 cubic meters of solid waste collected and evacuated, and 800 linear meters of canals dredged. As a result, more than 20000 inhabitants were reached indirectly by the sanitation and solid waste collection campaign in Jérémie.

In Ouanaminthe, From June to August 2019, an aggressive sanitation and solid waste collection campaign was conducted jointly with the local government and the departmental directorate of the Ministry of environment. Main stakeholders and local leaders were involved in the process. As it was the case for Jérémie, the project supported the municipality to face logistical challenges with workers. As a result, important cleaning operations and canal dredging works were completed in 4 main areas of Ouanaminthe including Village des Oliviers, Grand Rue Espagnol, Sens and Nan Gaya. This activity created more than 400 direct and temporary jobs. More than 795 cubic meters collected and transported, and 2690 linear meters of drainage canals cleaned up. An estimated population of 25,000 inhabitants benefited indirectly from this activity.

Municipality	Workers				Collected and evaluated waste (Cubic meter)	Cleaned canals (Linear meter)	Reached localities
	Men (M)	Women (W)	Total	% of W			
Ouanaminthe	258	142	400	35.5	795	2690	7
Jérémie	251	269	520	52.13	2800	800	18
Total	509	411	920	44.87	3595	3490	25

- **Baseline study and communal plans of SWM**

A baseline study and the process of developing communal plans of SWM are ongoing in Jérémie, Mirebalais and Ouanaminthe. A consulting firm (Geo Society) has been recruited to conduct the whole study and draft the communal plans of SWM. The first drafts were discussed, commented and overhauled by project staff and the consultant in capacity building. The final versions of the baseline study report and the communal plans for SWM are expected respectively by January 15 and January 30, 2020. As soon as the baseline study and the communal plans for SWM are completed, a series of public hearing will be held in February 2020 to encourage involvement of local population and local ownership of the communal plans for SWM.

3.3 Provision of SWM infrastructure

Since 2018, the project has initiated and undertaken discussions with municipalities to identify and make appropriate sites available for the establishment of operational infrastructures of SWM to support local authorities in closing wild sites that pose a risk to health and the environment in general. The process is still underway although some progress has been made in 2019. Land provision for the implementation of the SWM infrastructures remains an important issue. The project has been working closely with local governments, civil society associations, MDE/SNGRS and BNEE in identifying available and suitable lands in the three municipalities.

Here an update of the process:

At Mirebalais: One site of the locality of Marrouge which is a communal section of Sarazin has been identified and proposed by the municipality. It is located between 18°52'51" N and 72°5'5" W, at 170 meters above sea level. The distance is about 600 meters from the road towards the municipality of Hinche. Several joint visits

⁶ Areas included Caracoli, Sacré Coeur, Basse Ville, Stenio Vincent, La Source dommage, Mackandal, Bordes, Brouettes, Gragramora, Nan Cité, Ti Fontaine, Calas, Rochasse, Saint Hélène, Berquier and O-barque.

were carried out with MDE and BNEE representatives, civil society members, local authorities and actors. Preliminary assessment shown that it might be suitable. However, project management is waiting for the legalization process of documents as well as the conduct of feasibility studies to confirm or not the usage of the site.

At Jérémie: Many sites were visited jointly with the local government, the mayor, MDE, BNEE, civil society and departmental mayor associations (AMAGA) representatives. Among about 8 sites visited, based on preliminary assessment, none of them is suitable. Discussions are ongoing to work with Ministry of Interior (MICT), Directorate-General for Taxation (DGI) and SNGRS/MDE at a national level in order to joint our efforts and find an appropriate site in Jérémie or in a neighboring municipality.

At Ouanaminthe: Two sites have been identified and suggested by the mayor. One of them, located at Savanne au Lait, was considered as inappropriate by civil society members including chamber of commerce of the North East because the area would be used for the extension of the city. The second site is at Morne Casse, a communal section of Fort Liberté which is a neighboring municipality of Ouanaminthe and Ferrier. It has already SWM infrastructures that are in a very bad shape since they are not used or maintained and were virtually abandoned due to various management and operationalization issues resulting from a lack of local leadership necessary for the success of any SWM project. By constructing the SWM infrastructures, the donor wanted to promote the idea of inter-municipality between Ouanaminthe, Fort-Liberté and Ferrier. However, there was a conflictual situation between the municipalities of Ouanaminthe and Ferrier. But, with the support of the community platform established by the project, several discussions and negotiation meetings were held the mayors, other sectors of the municipality and the civil society led by the chamber of commerce. A Memorandum of Understanding has been signed by the three mayors to make the site available for the project. The project management is waiting for the legal documents to initiate the process of feasibility study to ensure that the site is suitable.

Indeed, the three municipalities expressed their interest in seeking and finding appropriate and available lands where they should build SWM infrastructures. Nevertheless, these lands' availability must go through the process of proving with the legal documents that the State owns the land and of declaring the property to be of public utility. Before reaching this stage, project team agreed with the mayors to first carry out a pre-assessment to conduct an initial validation that will be fully validated by detailed and comprehensive studies. Once the land has been validated, the municipalities will be able to proceed with the legalization of title deeds while awaiting pre-feasibility and feasibility studies for final approval.

Monitoring the outcomes and the performance indicators

The following Results Framework and Activity Table presents the Project Performance Outputs and Indicators and the Project Activities respectively.

<p>Expected outcome as indicated in the UNDAF / Country [or Global/Regional] Program Resources and Results Framework: National, regional and local institutions as well as the civil society improve the management of urban and rural areas, of agriculture and the environment, as well as prevention and risk reduction mechanisms, to improve the population resilience to natural disasters and climate change.</p> <p>Outcome indicators as contained in the Country [or Global / Regional] Program Resources and Results Framework, including baseline and targets:</p> <p>3.1.2. No. of legislative or regulatory measures taken to improve risk management linked to environmental vulnerability</p> <p>3.2.1. No. of new mechanisms and partnerships at national and local levels that are financed, disaggregated by type of partnership</p> <p>2.2.2. No. of new micro-, small and medium-sized enterprises in supported value chains, disaggregated by sex and age of head of enterprise</p> <p>Applicable result (s) of the UNDP Strategic Plan:</p> <p>3.1. National actors have the knowledge, the skills and the tools to improve natural resource management as well as risk reduction and management.</p> <p>3.2. Mechanisms and partnerships are in place to promote sustainable production, distribution and consumption patterns.</p>
<p>Project Title: Solid Waste Management System Strengthening in Haiti</p> <p style="text-align: right;">Atlas Project Number: 00103055</p>

EXPECTED RESULTS	INDICATORS	DATA SOURCE	REFERENCE SITUATION		Results	Target		Result
			Value	Year		Previous	Year	
<p>1.1 The process of improving the current legal framework (Law of September 21st, 2017 creating the SNGRS) is supported by a participatory and inclusive consultation mechanism and an advocacy process.</p>	1.1.1.1 Number of advisory platforms put in place with relevant and realistic terms of reference	Meeting minutes / activity reports / terms of reference documents	0	2018	0	2019	1	0
	1.1.1.2. Number of consultation and / or brainstorming activities organized or supported by the project on the legal framework and / or the problematic of the SWM sector in Haiti	Activity reports, meeting minutes / memorandum of understanding	0%	2018	0		2	0
	1.1.3. % of female among the participants in the consultation and / or brainstorming activities on the legal framework and / or the problematic of the SWM sector in Haiti	Activity reports, meeting minutes	0%	2018	0	30		0
1.2 The definition of a sustainable national SWM strategy is supported, which considers the gender aspects revealed by the consultation process and aims to develop operational mechanisms to implement the current legal framework	1.2.1. Number of ministries and / or government entities whose SWM capacity has been strengthened by the project.	Training and technical assistance report activities / planning, budget, ministries strategy document/ list	0	2018	0		1	2

EXPECTED RESULTS	INDICATORS	DATA SOURCE	REFERENCE SITUATION		Results		Target		Result	
			Value	Year	Previous	Year	Year	Year		
		of SWM equipment delivered								
1.3 Partnerships are established with universities for research and innovation for SWM (recycling, funding, etc.)	1.3.1. Number of cooperation agreements concluded with research centers and / or universities.	Agreement records/ activity reports	0	2018	0		1		1	
	1.3.2. Number of scientific articles and / or research papers produced and published on SWM with recommendations on the effective strategy to be adopted by the SWM sector	Documents created/ activity reports/ scientific reviews	0	2018	0		0		0	
	1.3.3. % of female among the researchers who have produced scientific papers and / or published dissertations	Activity reports/ meeting minutes	0	2018	0		0		0	
	1.4.1 Number of mass public gatherings or advocacy events held across the country	Activity reports/ event minutes/ memoranda of understanding with event organizers	0	2018	0		4		7	
1.4 Awareness and advocacy campaign is conducted with the general public and targeted change agent groups to promote an effective strategic plan for SWM	1.4.2. Number of people directly reached through the events (by sex)	Activity reports/ event minutes	0	2018	0		300		2500	
	1.4.3. Number of media communication created and disseminated to the general public	Activity reports/ contracts or memorandum of understanding documents	0	2018	0		2		2	
	2.1.1 Number of people trained or who participated in SWM technical assistance sessions in the municipalities	Training or technical assistance sessions reports/ activities minutes	0	2018	0		180		273	
2.1 An effective education and awareness program for the management of the appropriate SWM infrastructure and services (ecosite, dumpsters, landfill sites, etc.) is sponsored to improve public health and increase environmental protection	2.1.2 % of female instructors among the community members who have received a training to become instructors	Activity reports/ activities minutes	0	2018	0		20		0	
	2.1.3 Number of participants at the thematic workshops organized by the communities	Activity reports/ events minutes	0	2018	0		100		0	

EXPECTED RESULTS	INDICATORS	DATA SOURCE	REFERENCE SITUATION		Results		Target		Result	
			Value	Year	Previous	Year	Year	Year		
2.2 Local stakeholders and municipalities are supported in the development and implementation of gender-sensitive local SWM plans based on the national policy	2.2.1 Number of municipalities or boroughs with a SWM plan	SWM plans developed / activity reports/ contracts and/or consultation reports	0	2018	0	2018	0	2019	0	2019
	2.2.2 Number of community organizations involved in SWM efforts	Activity reports/ memoranda of understanding with the organizations	0	2018	0	2018	0	2019	0	2019
	2.2.3 Number of studies on waste composition and viable recycling options	Studies documents/ activity reports	0	2018	0	2018	1	2019	1	2019
	2.2.4 % of female involved in the SWM plans development process	Activity reports/ minutes of the community meetings	0	2018	0	2018	30	2019	0	2019
2.3 Internal capacities of the municipalities to ensure governance of the SWM sector are strengthened	2.3.1 Number of SWM community groups established and/or strengthened in the project framework and actively involved in SWM	Activity reports/ minutes	0	2018	0	2018	0	2019	0	2019
	2.3.2 Number of municipalities that have been strengthened to implement a SWM system.	Activity reports/ evaluation reports/ local authorities receipt documents/ exchange travel reports	0	2018	0	2018	0	2019	0	2019
	2.3.3 Number of women organizations or women-managed groups strengthened to support SWM efforts in their municipality	Activity reports/ list of members	0	2018	0	2018	0	2019	0	2019
2.4 A community more respectful of the 3Rs principle (Reduce, Reuse, and Recycle the waste) is established through the promotion of best practices identified in the project's three target areas	2.4.1 Number of families involved in recycling and/or domestic composting of solid waste	Activity reports	0	2018	0	2018	0	2019	0	2019
	2.4.2 Number of organizations involved in recycling, production and/or promotion of compost from solid waste	Activity reports/ minutes	0	2018	0	2018	0	2019	0	2019

EXPECTED RESULTS	INDICATORS	DATA SOURCE	REFERENCE SITUATION		Results		Target		Result	
			Value	Year	Previous	Year	Year	Year		
2.5 Income-generating activities related to waste treatment are developed to improve the living conditions of the most marginalized populations of formal employment, especially women and young people.	2.4.3 Number of people sensitized and/or informed about the transformation of waste into compost and or handicrafts	Activity reports	0	2018	0	2018	500	2019	2019	273
	2.4.4 Number of women trained and engaged in the transformation of solid waste into compost and/or handicrafts	Activity reports/ discussions minutes	0	2018	0	2018	0	2019	2019	0
	2.5.1 Number of jobs created by the income-generating activities supported by the project	Activity reports/ supporting documents/ sponsored companies report	0	2018	0	2018	0	2019	2019	0
2.5 Income-generating activities related to waste treatment are developed to improve the living conditions of the most marginalized populations of formal employment, especially women and young people.	2.5.2 Number of micro enterprises and sole proprietorships created and/or strengthened	Activity reports/ signed agreements/ supporting documents	0	2018	0	2018	0	2019	2019	0
	2.5.3 Number of companies created and/or reinforced owned or managed by women	Activity reports/ signed agreements/ supporting documents	0	2018	0	2018	0	2019	2019	0
	3.1 An Environmental Impact Assessment (EIA) on the establishment and/or construction of SWM infrastructures (ecosite, dumpsters, controlled landfill and MRI) is conducted	3.1.1 Number of Environmental Impact Assessment (EIA) with clear and realistic recommendations products created and approved	Activity report/ document report/ signed contract	0	2018	0	2018	0	2019	2019
3.2 The establishment and/or construction and opening of SWM infrastructures (ecosite, dumpsters) are carried out	3.2.1 Number of memoranda of understanding containing the properties' legal documents, signed with the municipalities	Activity report/ memorandum of understanding document	0	2018	0	2018	3	2019	2019	0
	3.2.2 Number of municipalities with operational SWM infrastructures and equipment for collection, transport, recycling and disposal of solid waste	Activity report/ completion report	0	2018	0	2018	0	2019	2019	0

EXPECTED RESULTS	INDICATORS	DATA SOURCE	REFERENCE SITUATION		Results	Target	Result		
			Value	Year				Previous	Year
								2018	2019
3.3 The closure of Jérémie's landfill is confirmed	3.3.3 % of female among the SWM infrastructures managers	Activity report/ managing committee minutes	0	2018	0	0	0		
	3.3.1 Number of jobs created by SWM infrastructure implementation and landfill closure activities	Activity report/ supervision visit report	0	2018	0	0	0		
	3.3.2 Number of landfill sites closed	Activity report/ supervision visit report	0	2018	0	0	0		
	3.3.3 % of women workers in SWM infrastructure works and landfill site closure	Activity report/ supervision visit report	0	2018	0	0	0		

Status of progress of project activities

EXPECTED RESULTS	PLANNED ACTIVITIES	Status	Entities in Charge	Comments
<p>1.1 The improvement process of the current legal framework (Law of September 21st, 2017, creating the SNGRS) is supported by a participative and inclusive consultation mechanism and an advocacy process</p> <p>Gender marker: 2</p>	<p>Activity 1.1.1 Establishment of an advisory and discussion platform (sectoral table) regarding the new legal framework in force and the SWM problem in Haiti in general</p> <p>Activity 1.1.2 Planning and organization of consultation and discussion activities (technical round tables, forums, meetings and workshop) bringing together the key actors and stakeholders of the public and non-public sector to identify the legal problems, reflect on the SWM problems in Haiti and propose improvements when necessary</p>	A1		On track; Off track; Achieved
		Actors met and platform will be launched in January 2020	UNDP	On Track
<p>1.2 The definition of a sustainable national strategy in terms of SWM is supported, which considers the gender aspects revealed by the consultation process and which aims to develop the</p>	<p>Activity 1.2.1 Development and implementation of a Capacity Building Program (technical assistance sessions, discussions and consultations, support for thematic events) with the concerned ministries and/or state entities to encourage the inclusion of SWM in their strategy, their planning and their annual budget</p>	Planned for 2020	UNDP	On Track
		The process is ongoing. A communication firm paired with a team of a national consultant and international consultant is available to support	UNDP	On Track

EXPECTED RESULTS	PLANNED ACTIVITIES	Status	Entities in Charge	Comments
<p>operational mechanisms to implement the framework currently in fore</p> <p>Gender marker: 2</p>	<p>Activity 1.2.2 Support and strengthen the implementation of the agreement between MDE and MENFP on the integration of Education on the Environment</p> <p>Activity 1.2.3 Direct provision of support and technical assistance to MDE to strengthen the SNGRS</p>	<p>MDE/SNGRS in capacity building</p> <p>A1</p> <p>Discussions in progress</p>	<p>UNDP /MDE</p>	<p>On track; Off track; Achieved</p> <p>On Track</p>
<p>1.3 Partnerships are established with universities for research and innovation to benefit SWM (recycling, financing)</p> <p>Gender marker: 2</p>	<p>Activity 1.3.1 Development and reinforcement of partnerships and cooperation with universities and research centers for the production and dissemination of SWM in Haiti</p> <p>Activity 1.3.2 The conducting of SWM research by students and professors from universities and/or research center partners</p>	<p>Technical assistance provided to MDE/SNGRS</p> <p>Memorandum of Understanding signed, and teams are working on finalizing topics selection</p> <p>Topics selection process ongoing</p>	<p>UNDP /MDE</p> <p>UNDP</p>	<p>On Track</p> <p>On Track</p>
<p>1.4 An awareness and advocacy campaign is conducted with the general public and target change agent groups to promote an effective strategic plan for SWM.</p> <p>Gender marker: 2</p>	<p>Activity 1.4.1 Planning and organization of communication, awareness and advocacy events focusing on SWM</p> <p>Activity 1.4.2 Production and dissemination of SWM communication and information material</p>	<p>Planned for 2020 but initiated in 2019 with the launching of the project and some activities on the field</p> <p>Initiated by the project in 2019 but will be continuing by both the project and ACLEDD</p>	<p>UNDP/MDE</p> <p>UNDP/MDE</p>	<p>On Track</p> <p>On Track</p>
<p>2.1. An effective education and awareness program for the management of appropriate SWM infrastructures and services (ecosite, dumpsters, landfill sites, etc.) is sponsored to improve public health and increase environmental protection.</p> <p>Gender marker: 2</p>	<p>Activity 2.1.1 Development and implementation of a SWM building capacity program for the institutions, the enterprises, the schools and communities of the beneficiary municipalities</p> <p>Activity 2.1.2 Planning and organization of technical workshops on public health and environmental protection</p> <p>Activity 2.1.3 Design and implementation of a SWM information, community engagement and awareness campaign in the schools and the communities</p>	<p>Firm recruited, topics selected and program under development</p> <p>Firm recruited, topics selected and program under development</p> <p>Essay contest ongoing in Ouanaminthe. Information shared with communities by neighborhood committees.</p>	<p>UNDP</p> <p>UNDP</p> <p>UNDP</p>	<p>On Track</p> <p>On Track</p> <p>On Track</p>
<p>2.2 The local stakeholders and the municipalities are supported for the</p>	<p>Activity 2.2.1 Implementation of an efficient waste collection community system</p>	<p>Planned for 2020</p>	<p>UNDP</p>	<p>On Track</p>

EXPECTED RESULTS	PLANNED ACTIVITIES	Status	Entities in Charge	Comments
creation and the implementation of local SWM plans considering the gender issue, based on the national policy Gender marker: 2	Activity 2.2.2 Promotion of solid waste collection and recycling community activities among men, women and young adults Activity 2.2.3 Conducting SWM evaluation and local studies (Baseline including particularly waste composition) in the municipalities targeted by the project	Planned for 2020 A1	UNDP	On track; Off track; Achieved On Track
2.3 The municipalities internal capacities to ensure governance (both the physical and the governance aspects) of the SWM sector are strengthened Gender marker: 2	Activity 2.3.1 Supply of equipment for waste collection and transport and of individual protective equipment (IPE) in two municipalities Activity 2.3.2 Establishment and capacity building of community groups in the targeted municipalities	Final report currently under revision Will be started in 2020	UNDP	On Track
2.4 A community more respectful of the 3R principles (Reduce, Reuse and Recycle waste) is established with the promotion of the best practices identified in both areas targeted by the project. Gender marker: 2	Activity 2.3.3 Development and implementation of a municipality technical capacity building program including exchange travels and experience sharing with SWM sector stakeholders Activity 2.4.1 Implementation of a collective mechanism for household waste composting including appropriate containers Activity 2.4.2 Development of a partnership with community organizations to strengthen the recycling efforts in general and produce compost and promote its use by local farmers	Initiated in 2019 with neighborhood committees and will be continued in 2020 and subsequent years Initiated in 2019 and will be continued in 2020 and subsequent years	UNDP	On Track
2.5 Income generating activities tied to waste treatment are developed to improve living conditions of the people most marginalized from formal employment notably women and young adults Gender marker: 2	Activity 2.4.3 Conducting awareness raising activities on the use of compost in municipal agricultural markets in certain areas Activity 2.5.1 Development of income generating activities and job creation Activity 2.5.2 Promotion of appropriate financial mechanisms to help the creation of new enterprises or the strengthening of existing SWM enterprises Activity 2.5.3 Sponsoring private companies engaged in solid waste recycling with an innovative technology and replicable process	Will be initiated in 2020 Will be initiated in 2020 Will be initiated in 2020 Will be initiated in 2020 Will be initiated in 2020	UNDP UNDP UNDP UNDP UNDP	On Track On Track On Track On Track On Track
3.1 An environmental impact assessment (EIA) on the establishment and/or construction of SWM infrastructures (ecosite, dumpsters,	Activity 3.1.1 Conduct a detailed Environmental Impact Assessment (EIA) for all infrastructures that will be implemented under the project	Planned for 2020 following pre-feasibility studies	UNDP	On Track

EXPECTED RESULTS	PLANNED ACTIVITIES	Status	Entities in Charge	Comments
controlled landfill, MRI) is conducted Gender marker: 2		A1		On track; Off track; Achieved
3.2 The establishment and/or building and or opening of SWM infrastructures are completed Gender marker: 2	<p>Activity 3.2.1 a) Conducting prefeasibility studies prerequisites for the technical and feasibility studies for the development of the infrastructures</p> <p>Activity 3.2.1 b) Conducting technical and feasibility studies for the implementation of the infrastructures</p> <p>Activity 3.2.1 c) Conducting prefeasibility, feasibility and technical studies to support the search for funding for the establishment of a SWM infrastructure in Mirebalais</p> <p>Activity 3.2.2 Establishment of the facilities / acquisition and installation of the equipment</p> <p>Activity 3.2.3. Support for the operationalization of the SWM infrastructures and services</p>	<p>Planned for 2020</p> <p>Planned for 2020</p> <p>Planned for 2020 and 2021</p> <p>Will be started in 2021</p> <p>Will be started after the completion of activity 3.2.2</p> <p>Will be started after the completion of activity 3.2.3</p> <p>Will be done after the completion of activity 3.3.1.</p>	<p>UNDP</p> <p>UNDP</p> <p>UNDP</p> <p>UNDP</p> <p>UNDP</p> <p>UNDP</p> <p>UNDP</p>	<p>On Track</p> <p>On Track</p> <p>On Track</p> <p>On Track</p> <p>On Track</p> <p>On Track</p> <p>On Track</p>
3.3 The closure of the Jérémie landfill is confirmed Gender marker: 2	<p>Activity 3.3.1 Planning and taking the steps for the closing process</p> <p>Activity 3.3.2 Closure of the Jérémie landfill</p>		<p>UNDP</p> <p>UNDP</p>	<p>On Track</p> <p>On Track</p>

IV. Challenges.

The year 2019 was very challenging for the project and the country in general. Some main challenges and tailored strategies adopted are as follow:

- **Lock down and repetitive socio-political unrest**

Fuel shortages, political unrest situation, repetitive lockdown and violent protest have impacted negatively the project implementation at both national and local level.

As mitigation measures, the project team management revisited the project activities planning and prioritized the activities that could be implemented while the country was locked. Focus was placed on recruitment process and activities such as establishment of collaboration framework with stakeholders including UEH and MDE/SNGRS, sessions of information and awareness with communities and close follow up with local actors and consultants. Instead of a large community participative program, an essay contest has been launched in Ouanaminthe.

- **Change in the management of SNGRS**

In September 2019, turnover at the directorate level of SNGRS has led the project management to start over all the work done for the past 10 months to rebuild a collaboration with new SNGRS staff.

To ensure that ongoing discussions and the planning will be maintained, project management carried out several meetings with the SNGRS new director and both the former and the new staff members to discussed project expected results, strategy and activities. Following discussions, the new team solicited capacity building activities that were implemented by the project.

- **Issues with land tenure**

The project has been working in close collaboration with the local authorities to identify appropriate lands on which SWM infrastructures and services will be established. Thus, since November 2018, several lands were identified by local governments and visited by project team, MDE, civil society members and BNEE. During these technical visits a list of preliminary criteria were used for a pre-assessment before moving to the feasibility studies that will be conducted by external qualified consultants. As a result, only the sites of Mirebalais and Ouanaminthe appear to comply with the main preliminary criteria.

To ensure that we will be moving forward in 2020, more actors at both national and local level will be involved in the process of search for lands in line with technical norms. Discussions are ongoing to work directly with the central government including Directorate General of Taxes (DGI), MDE/SNGRS and Ministry of Interior to facilitate land tenure process.

V. Lessons learned

The following section highlights some main lessons learned:

- **The identification and selection process of workers during a sanitation campaign is local stakeholders' business**

The project team has learned that during a sanitation campaign the process of identification and selection of workers is very important for stakeholders and local communities' ownership and involvement. The beneficiaries' identification and selection were organized by key local stakeholders such as departmental directorate of MDE, the Mayors and other stakeholders of state institutions. Consequently, during the implementation process, stakeholders provided full support and facilitated the adoption of alternative solutions in the face of challenges. This participatory approach was very helpful to build organizational capacity of local stakeholders during the implementation process and will be considered by local partners in the future.

- **Effective SWM is everyone's responsibility**

Synergy between stakeholders, local authorities and the implementing partners was crucial during the field activities. During this implementation process, MDE/SNGRS and project teams were available to accompany and support each other. Issues were discussed and appropriate solutions were found. The involvement of Mayors and local stakeholders have facilitated the coordination with local communities.

- **Feedback and sharing of information are the backbone of a SWM project**

For such projects that aim to increase and improve knowledge on good practices in terms of SWM, information sharing as well as discussions on project details are crucial. Thus, during working sessions, and community meetings, it is important to keep stakeholders and local communities constantly informed and to promote a feedback mechanism. This has helped avoiding misunderstandings, reviewing priorities on time to avoid grievances, adapting strategies to facilitate and ensure community ownership while keeping all stakeholders up to date regarding project progress, results, and risks. The establishment and participation of neighborhood committees and community platform is key for community engagement and results intervention sustainability.

- **In a context of recurring instability such as Haiti, risks management, teams' dynamism, creativity and innovation are very important**

Because of the socio-political context in which project activities are implemented, security and risk assessment and analysis must be done frequently and on a regular basis to help the project management team anticipating, adapting and developing alternative strategy to achieve its goals.

VI. Activities planned for the next period

During the year of 2020, the following main activities will be implemented

Table 1: January 2020 - December 2020 Work plan

EXPECTED OUTCOMES	PLANNED ACTIVITIES	BEGINNING DATE	END DATE	ENTITIES IN CHARGE	COMMENTS
Component 1: Technical assistance to the Ministry of Environment for the participatory definition of a sustainable strategy for SWM, considering gender perspectives and based on the existing legal framework.					
1.1 The improvement process of the current legal framework is supported by a participative and inclusive consultation mechanism and an advocacy process	Activity 1.1.1 The establishment and operationalization of the SWM advisory and thinking Platform	January 2020	March 2020	UNDP	Consultations are ongoing with main stakeholders
	Activity 1.1.2 Planning and organization of consultation and discussion activities (technical round tables, forums, meetings and workshop) on SWM	January 2020	December 2020	UNDP	Once the platform is being established, workshops will be held with stakeholders on SWM issues, good practices and lessons learned.
1.2 The definition of a sustainable national strategy in terms of SWM is supported	Activity 1.2.1 Development and implementation of a Capacity Building Program with the concerned ministries and or state entities	January 2020	December 2020	UNDP	Two consultants are available and will be working with MDE/SNGRS
	Activity 1.2.3 Direct provision of support and technical assistance to MDE to strengthen the SNGRS	January 2020	December 2020	UNDP /MDE	Ongoing and will be continued with consultants
1.3 Partnerships are established with universities for research and innovation to benefit SWM	Activity 1.3.1 Development and reinforcement of partnerships and cooperation with universities and research centers for the production and dissemination of SWM in Haiti	January 2020	December 2020	UNDP	Ongoing discussions with UEH to finalize framework paper and selection process of topics and research teams. Other universities, faculties and entities will be on board in 2020
1.4 An awareness and advocacy campaign is conducted with the general public and target change agent groups	Activity 1.4.1 Planning and organization of communication, awareness and advocacy events focusing on SWM	January 2020	December 2020	UNDP /MDE	Ongoing process with the recruitment of a communication firm for MDE/SNGRS and project efforts to communicate and implement an aggressive awareness campaign
	Activity 1.4.2 Production and dissemination of SWM communication and information material	January 2020	December 2020	UNDP /MDE	
Component 2. The capacities are strengthened in terms of SWM in the municipalities with the establishment of an efficient, gender-sensitive and profitable mechanism.					
2.1 An effective education and awareness program for the management of appropriate SWM infrastructures and services is sponsored	Activity 2.1.1 Development and implementation of a SWM building capacity program for the institutions, the enterprises, the schools and communities of the beneficiary municipalities	January 2020	May 2020	UNDP	The process of developing training and workshop materials is ongoing. This activity will continue over the next 3 years
	Activity 2.1.2 Planning and organization of technical workshops on public health and environmental protection	February 2020	May 2020	UNDP	The process of developing training and workshop materials is ongoing. This activity will continue over the next 3 years

	Activity 2.1.3 Design and implementation of a SWM information, community engagement and awareness campaign in the schools and the communities	January 2020	December 2020	UNDP	Ongoing Process
2.2 The local stakeholders and the municipalities are supported for the creation and the implementation of local SWM plans considering the gender issue, based on the national policy	Activity 2.2.1 Implementation of an efficient waste collection community system	January 2020	December 2020	UNDP	Ongoing Process with the establishment of both community platforms and neighborhood committees
	Purchasing of equipment for waste collection in Jérémie and Ouanaminthe	April 2020	December 2020	UNDP	Once communal plans of SWM completed the process will be initiated with the municipality
	Completion of a work for cash waste collection program	January 2020	September 2020	UNDP	Support will be provided to municipalities in terms of collection of solid waste
	Activity 2.2.2 Promotion of solid waste collection and recycling community activities among men, women and young adults	January 2020	December 2020	UNDP	Support will be provided to neighborhood committees in terms of collection and transportation of solid waste
	Activity 2.2.3 Conducting SWM evaluation and local studies (Baseline including particularly waste composition) in the municipalities targeted by the project	January 2020	February 2020	UNDP	The process is ongoing. Final documents (both study report and communal plans for SWM) will be available by February 2020
2.3 The municipalities internal capacities to ensure governance of the SWM sector are strengthened	Activity 2.3.2 Establishment and capacity building of community groups in the targeted municipalities	January 2020	December 2020	UNDP	The process of establishing neighborhood committees is ongoing and will be completed in 2020
	Activity 2.3.3 Development and implementation of a municipality technical capacity building program including exchange travels and experience sharing with SWM sector stakeholders	July 2020	September 2020		The international consultant will be supporting project staff and also working on organizing exchange travels and experience sharing with SWM sector stakeholders
2.4 A community more respectful of the 3R principles (Reduce, Reuse and Recycle the waste) is established with the promotion of the best practices identified in both areas targeted by the project	Activity 2.4.1 Implementation of a collective mechanism for household waste composting including appropriate containers	January 2020	December 2020	UNDP	Recruitment process of a qualified consultant will be carried out and related awareness campaign will be conducted.
	Activity 2.4.2 Development of a partnership with community organizations to strengthen the recycling efforts in general and produce compost and promote its use by local farmers	April 2020	December 2020	UNDP	Recruitment process of a qualified consultant will be carried out and related awareness campaign will be conducted.
	Activity 2.4.3 Conducting awareness raising activities on the use of compost in municipal agricultural markets in certain areas	April 2020	December 2020	UNDP	Recruitment process of a qualified consultant will be carried out and awareness campaign will be conducted on this
2.5 Income generating activities tied to	Activity 2.5.1 Development of income generating activities and job creation	July 2020	September 2020	UNDP	A qualified consultant will be recruited to lead this activity

waste treatment are developed to improve living conditions of the people most marginalized from formal employment notably women and young adults	Activity 2.5.2 Promotion of appropriate financial mechanisms to help the creation of new enterprises or the strengthening of existing SWM enterprises	April 2020	December 2020	UNDP	A qualified consultant will be recruited to lead this activity. Project will take advantage of the baseline study to initiate discussions on the field
Component 3: Critical infrastructures and SWM services are implemented that facilitate economic development and improvement of the quality of life in an inclusive and equitable manner.					
3.1 An environmental impact assessment (EIA) on the establishment of SWM infrastructures is conducted	Activity 3.1.1 Conduct a detailed Environmental Impact Assessment (EIA) for all infrastructures that will be implemented under the project	September 2020	July December 2020	UNDP	Depend on the availability of the pre-feasibility studies results and will be conducted in close collaboration with BNEE
3.2 The establishment and/or building and the opening of SWM infrastructures (ecosite, dump site, etc.) are carried out	Activity 3.2.1 a) Conducting prefeasibility studies prerequisites for the technical studies and feasibility studies for the implementation of the infrastructures	April 2020	July 2020	UNDP	Depend on land availability and will be conducted in close collaboration with BNEE
	Activity 3.2.1 b) Conducting technical and feasibility studies for the implementation of the infrastructures	September 2020	July December 2020	UNDP	Depend on the availability of the pre-feasibility studies results and will be conducted in close collaboration with NOEA

VII. Conclusions and Recommendations

During the year of 2019, the Project for Solid Waste Management System Strengthening in Haiti provided direct support to the Ministry of Environment and the National Solid Waste Management Service to improve their capacity to address Solid Waste Management (SWM) issues. This technical support will enhance the working environment of MDE/SNGRS staff and will foster and facilitate the communication and the services provision in terms of SWM. In addition, external consultants that are working with MDE/SNGRS will contribute to strengthen the synergy that should be developed between key stakeholders of the SWM sector and MDE/SNGRS.

The efforts of establishing the consultative platform were significant. Main actors of the SWM sector including donors, NGO, universities and civil society have had the opportunity to meet and exchange about the challenges that must be addressed and the need for synergy and coordination in the sector. Discussions have been held with Universities to encourage knowledge production and dissemination on SWM in Haiti. They projected a very good collaboration on innovative research and organization of scientific event to popularize innovative solutions through the coming years. Following this important step, UNDP signed a Memorandum of Understanding with the State University officializing the collaboration between the two institutions in supporting the efforts in waste management in Haiti. The above activities aim to make knowledge available for decision-making on the one hand and on the other hand will ensure synergy between stakeholders of the SWM sector for effective consultation and advice to the Government leaders regarding good practices and lessons learned that could help in addressing SWM issues.

The baseline study and the development of communal plans for SWM are at a very advanced stage. The capacity building program planned for municipalities is also almost completed. Two community platforms and twenty-seven neighborhood committees have been established in municipalities. Additionally, a sanitation campaign was implemented with the active participation of SWM actors of both Ouanaminthe and Jérémie. An aggressive communication and information campaign were carried out particularly in schools and areas where neighborhood committees are in place. An essay contest on SWM issues in Ouanaminthe is being held with students and schools of the municipality. All these activities will play a key role in the process of improving the community engagement and the capacity of the partner municipalities in effective SWM.

As a result, despite the recurring situation of socio-political unrest the project achieved main expected outcomes for 2019. The only unachieved milestone is related to the feasibility studies that were not conducted because of the unavailability of appropriate lands. In close collaboration with national stakeholders such as Ministry of Interior (MICT), Directorate-General for Taxation (DGI), SNGRS/MDE and with local actors including mayors and civil society leaders, the project looks forward to obtaining adequate lands to initiate the feasibility studies early 2020 and complete them by the end of 2020.

VIII. Appendix

Appendix 1: Financial Report

Project ID et Title: 00103055 Solid Waste Management System Strengthening in Haiti
Annual financial report - January to December 2019

Description	Total Budget	Prior years	Year 2019	Cumulative	Balance
Resources					
Prior contributions		\$ -		\$ -	
Contributions received in 2018		\$ 8,030,967.36		\$ 8,030,967.36	
Contributions of PNUD /TRAC in 2018		\$ 500,000.00		\$ 500,000.00	
Total of contributions received		\$ 8,530,967.36			\$ 8,530,967.36
Contributions receivable		\$ -		\$ -	
Total of contributions		\$ 8,530,967.36		\$ 8,530,967.36	\$ -
Contributions used					\$ 858,449.05
Actual Balance					\$ 7,672,518.31
Implementation					
Activity01' Technical assistance to MDE	\$ 625,000.00	\$ -	\$ 136,419.79	\$ 136,419.79	\$ 488,580.21
Total Activity01' Technical assistance to MDE	\$ 625,000.00	\$ -	\$ 136,419.79	\$ 136,419.79	\$ 488,580.21
Activity02' Capacity Building	\$ 1,901,290.00	\$ -	\$ 129,121.70	\$ 129,121.70	\$ 1,772,168.30
Total Activity02: Capacity Building	\$ 1,901,290.00	\$ -	\$ 129,121.70	\$ 129,121.70	\$ 1,772,168.30
Activity03' SWM Infrastructures	\$ 3,788,851.00	\$ -	\$ 11,544.45	\$ 11,544.45	\$ 3,777,306.55
Total Activity03 SWM Infrastructures	\$ 3,788,851.00	\$ -	\$ 11,544.45	\$ 11,544.45	\$ 3,777,306.55
Activity04 ' Human resources management (HRM)	1,254,421.88	\$ 93,154.79	\$ 215,355.50	\$ 308,510.29	\$ 945,911.59
Activity04 ' Project management	845,013.81	\$ 21,577.53	\$ 142,261.47	\$ 163,839.00	\$ 681,174.81
Total Activity04 HR/Project management	\$ 2,099,435.69	\$ 114,732.32	\$ 357,616.97	\$ 472,349.29	\$ 1,627,086.40
Total Implementation	8,414,576.69	114,732.32	634,702.91	749,435.23	7,665,141.46
Assets and Inventory					
Good and Equipment	116,390.67	118,029.99	118,029.99	118,029.99	(1,639.32)
Depreciation		-	(9,016.17)	(9,016.17)	9,016.17
Total	\$ 116,390.67	\$ 118,029.99	\$ 109,013.82	\$ 109,013.82	\$ 7,376.85
Grand total	8,530,967.36	\$ 232,762.31	\$ 743,716.73	\$ 858,449.05	\$ 7,672,518.31
Balance of resources (Cash+capital asset)					\$ 7,781,532.13

* Liquidity to schedule (Cash available and to receive)

** Liquidity plus inventory

Jacques Washington Joseph, Project Manager
 Signature and Date

5/3/20

Fernando Hiraldo, Resident Representative
 Signature and Date

Appendix 2: Photos

Figure 1: Official Launch ceremony of the project



From left to right: Mr. Joseph Jouthe, Minister of Environment; Mr. Mitsuaki Mizuno, Ambassador of Japan; Mr. Fernando Hiraldo, Resident Representative of UNDP in Haiti.

Figure 2: Signature of the UNDP-UEH Memorandum of Understanding



From left to right: Mr. Fritz Deshommes, Rector of the UEH; Mrs. Stephanie Ziebell, Deputy Resident Representative

Figure 3: Presentation during the Joint retreat UNDP-MDE/SNGRS

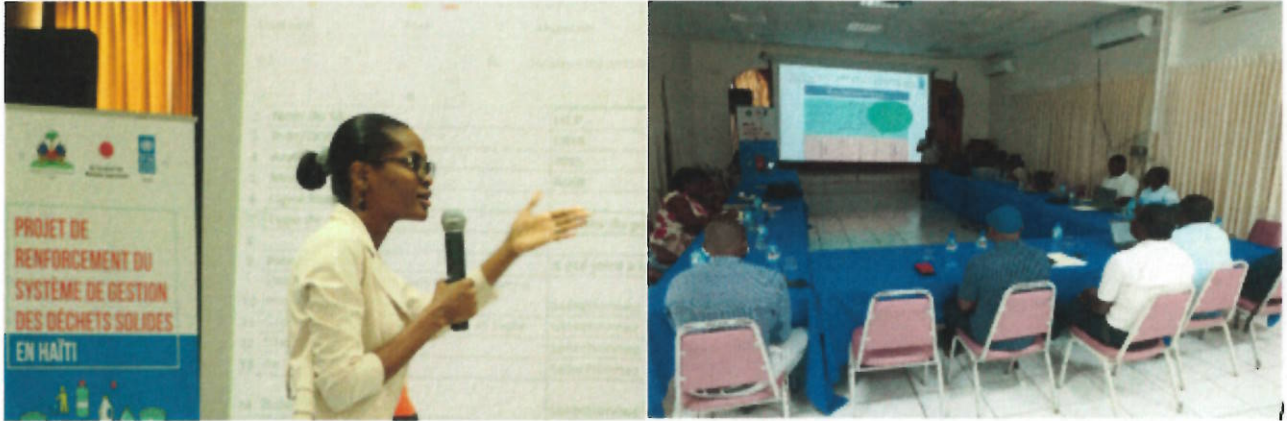


Figure 4: Mayor of Ouanaminthe during the community platform launch



Figure 5: Mayor of Jérémie during the establishment of a neighborhood committee



Figure 6: Joint working session UNDP-SNGRS teams and National consultant



Figure 7: Joint presentation (MDE-UNDP-Education) of the essay contest to school representatives (left) and students (right)



Figure 8: Sanitation and solid waste collection campaign – Before and after in the area of “O Barque” in Jérémie

