



20th March 2020

The Detailed Action Plan of Priority Activities of WG in 2020

1. Background

The National Waste Management and Pollution Control Strategy (NWMPCS) 2016-2020 has the following vision and overall goal. The implementation plan of NWMPCS 2016-2020 identifies 35 targets and 48 activities under 7 thematic areas.

Vision: A clean healthy environment leads to productive sustainable development. Therefore our vision is *“towards clean sustainable environment”*.

Overall Goal: An environmentally sustainable Vanuatu, in which all types of wastes generated are reduced, collected, reused, recycled and treated by environmentally sound technologies suited to local conditions and waste going to landfill is minimized to the lowest possible amount.

DEPC and J-PRISM II discussed and set a project output as *“Institutional capacity of DEPC to implement NWMPCS is enhanced with the cooperation of the Working Group”* at the 1st Joint Coordinating Committee (JCC) meeting in February 2018. To realize the output, DEPC took the initiative and Working Group (WG) was formulated in June 2018 to study and review the implementation plan of NWMPCS. WG consists of i) fieldwork, ii) discussion and iii) monitoring/reporting in accordance with the seven thematic area of NWMPCS. The initial members of WG were the Department of Environmental Protection and Conservation (DEPC), Port Vila City Council (PVCC) and Luganville Municipal Council (LMC). The concept note of WG was agreed in May 2018 and WG was officially launched in June 2018. Priority activities of WG in 2019 were agreed at the 2nd JCC meeting in October 2018 as follows:

[Priority activities in 2019]

- i. Promotion of the planning standard on SWM, and penetration of framework of SWM plan into provincial and municipal government council (Thematic 1)
- ii. Pre-feasibility study of a Container Deposit Scheme (CDS) to support the polluter pays principle (Thematic 2)
- iii. Discussion of option of waste minimization to reflect to the NWMPCS (Thematic 4)
- iv. Coordination to develop awareness materials based on the experience in LMC and discussion on dissemination to relevant stakeholders with Ministry of Education. (Thematic 7)

WG discussed and approved the priority activities, which will be implemented in 2020, based on the monitoring result of NWMPCS at the 3rdJCC meeting on 24th February 2020. In



addition, NWMPCS 2016-2020 has to be renewed for another 5 years. WG will be a main body of stakeholders' consultation for overall evaluation of NWMPCS in the final year 2020 which will be reflected in the next term of NWMPCS. This detailed action plan describes the responsibility of each action, implementation schedule and budget amount for the priority activities.

2. Monitoring result of progress of NWMPCS in 2019

NWMPCS was started in 2016 and monitored by DEPC regularly in November 2017, October 2018 and September 2019. There are several progress achieved in 2019. Especially the significant progress of 2019 was the endorsement of the second phase of single-use plastic ban and the Council of Ministers (COM) decision for introducing Container Deposit Scheme (CDS) in principle was made. The draft Vanuatu National Plastic Strategy was developed. Achievement of each thematic area in 2019 is summarized below.

Thematic Area 1 - Policy, Legislation and Enforcement

- The COM has endorsed the second phase of the ban on single-use plastic items in Vanuatu, which is effective from 1st December 2019. A Vanuatu National Plastic Strategy 2020-2030 and its implementation plan 2020-2025 were drafted.
- A SWM planning form was drafted for annual monitoring of SWM in provinces and municipals in line with the Waste Management Act No.24 of 2014. Existing SWM plans were reviewed and the form is simplified in consideration of the capacity of SWM planning in provincial and municipal governments. The form was approved by the DEPC director and distributed through the Department of Local Authorities (DLA) in November 2019.
- Licensing system for Private Waste Operators (PWO) started in 2018 and 11 companies and organizations register the license as of September 2019. However, only 2 companies and organizations submitted an annual report, although the annual report is mandatory to be submitted for renewal of the license annually, and majority of PWO licenses were not renewed as per the agreed renewal date as stated in the Licenses. Enforcement of the regulation should be strengthened thoroughly next year.
- A draft landfill guideline has been developed but not yet endorsed. It is required to accelerate the approval process of the guideline to obey the new proposal of landfill site to fit the conditions under EIA process after 2020.
- A workshop of the Disaster Waste Management (DWM) was held in November 2019 supported by J-PRISM II, SPREP and Canada und for Local Initiatives (CFLI). The regional DWM guideline is in progress. The second workshop of DWM was held in March 2020. Based on the training, a national DWM guideline will be developed in 2020.

Thematic Area 2 - Sustainable Financing

- Pre-feasibility study for introducing CDS was conducted in March 2019. The study proposed a Managing Agency (MA) model to sustain the CDS in Vanuatu in consideration of



local beverage producers, and concluded that Vanuatu had a potential to introduce CDS.

- Introduction of CDS with the Managing Agency (MA) model in principle was proposed to the COM, to request funding from donors to develop the detailed design of the scheme and to convene a working group to this end, and approved on 30th October 2019.
- Base on the COM decision, a CDS technical working group was established in December 2019. The detailed design planning is on-going to realize CDS in Vanuatu harmonized with the results of stakeholders' consultation through the WG. Launch of the CDS is aimed at the year of 2021.

Thematic Area 3 - Capacity Development

- There is little achievement in this thematic area in 2019.

Thematic 4 - Waste Minimization

- Framework of a waste minimization plan was developed based on a discussion of WG to identify the feasible options for waste minimization in Vanuatu. The waste minimization plan will be developed and endorsed after stakeholders' consultation in 2020.

Thematic 5 - Integrated Waste Management

- Waste collection service is provided in Port Vila, Luganville, Lenakel, Shefa, Sanma and Malampa. Torba, Penama and Tafea will be consulted in 2020.
- Recycle Corp is the only recycle company who has a license of PWO with approved treatment and storage facility in Port Vila and Luganville.
- EIA for a new dumping site in Lenakel Municipal Council and Tafea Province was implemented. DEPC is seeking a financial support for construction of landfill site. LMC submitted a proposal to extend and improve a current dumping site into a sanitary landfill site for the Asian Development Bank (ADB) as a part of Luganville Urban Development Project.
- There is no significant achievement in this thematic area in 2019.

Thematic 6 - National Coordination

- There is no achievement in this thematic area in 2019.

Thematic Area 7 - Public Awareness

- Public awareness to councils, schools and communities was carried out at 45% of provinces and municipalities by the DEPC.

Summary of monitoring results of the NWMPCS are shown in the table below. Achievement of the NWMPCS reaches 38% in 2019. Four priority activities contributed progress in each



thematic area. By contrast, progress of thematic area 5 and 6 is slow relatively. This tendency will continue in 2020. On a projection basis, no thematic area could achieve 100% in the target year 2020. Expected achievement in 2020 would be 58%, which could be accelerated to achieve the goal in a year or should be followed in the next term of NWMPSCS. The details of monitoring results are shown in Attachment-1.

Summary of monitoring results of NWMPSCS (as of September 2019)

NWMPSCS				Progress			Plan	Contribution of WG
Thematic Area	General		SWM	SWM			SWM	
	Targets	Activities	Targets	2017	2018	2019	2020	
Thematic 1 - Policy, Legislation and Enforcement	13	20	6	25 %	67 %	68%	92 %	Priority Activity 1 - Dissemination of annual SWM planning and monitoring system in provincial and municipal government councils
Thematic 2 - Sustainable Financing	2	5	2	0 %	0 %	25%	50 %	Priority Activity 2 – Detailed design of a Container Deposit Scheme (CDS) for its initial setup
Thematic 3 - Capacity Development	7	10	3	17 %	50 %	50 %	50 %	
Thematic 4 - Waste Minimization	1	1	1	0 %	0 %	50%	90 %	Priority Activity 3 – Development and endorsement of a waste minimization plan
Thematic 5 - Integrated Waste Management	5	5	5	20 %	20 %	20 %	20 %	
Thematic 6 - National Coordination	3	3	3	0 %	17 %	0 %	33 %	
Thematic 7 - Public Awareness	4	4	4	25 %	50 %	38%	75 %	Priority Activity 4 – Promotion of Clean School Programme by identifying one school in each province as an environment model school and environment ambassador
TOTAL	35	48	24	12 %	29 %	38%	58 %	

Monitoring Method

Progress of NWMPSCS is monitored by targets. Monitoring score of each target is evaluated with the criteria shown as follows:

[Targets related to SWM]

Achieved 1 point



In progress 0.5 point

Not achieved 0 point

The total percentage of the progress is calculated by means of the following formula:

$$/ \text{total number of targets in each thematic area} \times \text{total monitoring score in each thematic area}$$

3. Proposed Priority Activities in 2020

The 3rd JCC meeting will be held in the last quarter of 2019 and priority activities that will be implemented with WG in 2020 are proposed as follows:

- i. Dissemination of annual SWM planning and monitoring system in provincial and municipal government councils (Thematic 1, NWMPCS).
- ii. Detailed design of a Container Deposit Scheme (CDS) for its initial setup (Thematic 2, NWMPCS)
- iii. Development and endorsement of a waste minimization plan (Thematic 4, NWMPCS)
- iv. Promotion of Clean School Programme by identifying one school in each province as an environment model school and environment ambassador (Thematic 7, NWMPCS)

4. Action Plan

NWMPCS Working Group Management Plan in 2020

NWMPCS Working Group (WG) is regularly held from 2018. In 2020, WG is scheduled to be held three (3) times, especially aiming to develop the NWMPCS 2021-2025. Stakeholders of SWM will be involved in the process of reviewing the monitoring results of the NWMPCS 2016-2020 and developing the new strategy. Tentative schedule, agenda and expected participants are shown below. The schedule could be modified according to the progress of activities.

Schedule of Working Group in 2020

Title	Schedule	Agenda	Member	Status
Pre-WG	30 th May 2018	• Discussion on Concept paper of Working Group	DEPC, PVMC, JET	Done



Title	Schedule	Agenda	Member	Status
Pre-WG	7 th June 2018	• Discussion on Concept paper of Working Group	LMC, JET	Done
1 st WG	14 th June 2018	• Approval of Concept paper of Working Group	DEPC, PVMC, JET	Done
2 nd WG	14 th August 2018	• Progress monitoring of WG activities in accordance with the concept paper	DEPC, PVMC, JET	Done
3 rd WG	6 th March 2019	• CDS preliminary survey kick-off workshop • Presentation of SWM activities in Lenakel, Tafea and Malampa • Progress monitoring of priority activities	DEPC, PVMC, LMC, Lenakel, Tafea, Malampa, JICA, JET	Done
4 th WG	20 th March 2019	• CDS preliminary survey final workshop • Progress monitoring of priority activities	DEPC, PVMC, LMC, JET, Samoa Recycling Association	Done
5 th WG	6 th June 2019	• SWM planning in PVMC and Shefa province • Progress monitoring of priority activities	DEPC, PVMC, LMC, JET	Done
6 th WG	27 th September 2019	• Progress monitoring of priority activities • Preparation of an annual monitoring report of NWMPCS	DEPC, PVMC, LMC, JET	Done
3 rd JCC	24 th February 2020	• Overall monitoring results of NWMPCS 2016-2020 (forecast) • Approval of priority activities in 2020	DEPC, PVCC, LMC, Shefa, JET	Done
7 th WG	July 2020	• Work plan to develop the NWMPCS 2021-2025 • Proposal of draft framework of the NWMPCS 2021-2025 • Progress monitoring of priority activities	DEPC, PVCC, LMC, JET, (Shefa, Sanma, VRWMA, NGOs)*	Planned
8 th WG	September 2020	• Summary of stakeholders opinions/proposal • Review of draft NWMPCS 2021-2025 • Progress monitoring of priority activities	DEPC, PVCC, LMC, JET, (Shefa, Sanma, VRWMA, NGOs)*	Planned
9 th WG	November 2020	• Overall monitoring results of NWMPCS 2016-2020 • National coordination conference for the public disclosure of NWMPCS 2021-2025	All province, municipal and all stakeholders identified NWMPCS 2021-2020	Planned

JET: JICA Expert Team (J-PRISM II)

* Proposed member

Detailed Budget Table

SN	Item	Quantity	Unit price (vatu)	Amount (vatu)	Responsibility
1	Transportation fee (airfare to Vila)	*** persons-times	***	***	JET
2	Daily Allowance	*** persons-times	***	***	DEPC



Priority Activity 1 – Dissemination of annual SWM planning and monitoring system in provincial and municipal government councils

Thematic 1 Policy, Legislation and Enforcement

Target 1-8 By 2020, provincial governments have implemented 20% of their Waste Management Plans.

Result of priority activity in 2019

- A SWM planning form was drafted for annual monitoring of SWM in provinces and municipals in line with the Waste Management Act No.24 of 2014. Existing SWM plans were reviewed and the form is simplified in consideration of the capacity of SWM planning in provincial and municipal governments. The form was approved by the DEPC director and distributed through the Department of Local Authorities (DLA) in November 2019.
- The form is available through the DEPC website (<https://environment.gov.vu/index.php/forms-and-fees/waste-and-pollution>).
- The national waste management flow, including SWM data in each province and municipality, is available through the DEPC website (<https://environment.gov.vu/index.php/environmental-protection/waste-management/national-waste-management-flow-in-vanuatu>)

Status of SWM plan in the provincial and municipal government councils in Vanuatu

- The endorsed SWM plans of each provincial and municipal government council are available through the DEPC website (<https://environment.gov.vu/index.php/environmental-protection/waste-management/waste-management-planning>).
- The latest status of SWM plan is shown below.

Status of SWM plan in the province and municipal government councils in Vanuatu

Province / Municipal	Population*	Status of SWM plan
Province		
Torba Province	10,707	Draft SWM plan (2016-2020) is in preparation. DEPC should support to update the SWM plan.
Sanma Province	36,995	SWM plan (2019-2022) is drafted in collaboration with Luganville municipal council. The SWM plan is in the approval process.
Penama Province	32,534	SWM plan was drafted before volcano incidents. Currently, residents move from Ambae to Pentecost. Therefore SWM plan should



Province / Municipal	Population*	Status of SWM plan
		be renewed.
Malampa Province	40,928	There is no SWM plan. DEPC will support developing a SWM plan with Malampa Province.
Shefa Province	97,602	Draft SWM plan (2017-2020) is in the approval process.
Tafea Province	37,050	SWM plan (2017-2020) is drafted in collaboration with Lenakel municipal council.
Municipal Council		
Port Vila Municipal Council	53,682	SWM plan (2019) is endorsed, which includes action plan for three years (2019-2021). The SWM plan (2021-2030) is in preparation.
Luganville Municipal Council	17,189	SWM plan (2019-2022) is drafted in collaboration with Sanma province. The SWM plan is in the approval process.
Lenakel Municipal Council	6,438**	SWM plan (2017-2020) is drafted in collaboration with Tafea province.

* Source: VNSO "2016 Post Pam Mini Census Report, Vol 1", population of Shefa province excludes Port Vila and population of Sanma province excludes Luganville.

**Source: Lenakel: SWM plan of Tafea province and Lenakel municipal council (2017-2020), Population of Tafea province excludes Lenakel.

*** Population growth rate of "1.7603%" is adopted based on the Mini-census 2016.

Work Schedule

The form has to be submitted by the end of February. The 1st National Solid Waste Management Planning Workshop (NSWMPWS) is held in February 2020 to wrap-up this activity in collaboration with the Department of Local Authorities. The DEPC will give a feedback and instruction to all provinces based on the submitted form and supporting documents. The proceedings of the NSWMPWS will be distributed to all participants and it will be available through the DEPC website.

Priority Activity 1 - Dissemination of annual SWM planning and monitoring system in provincial and municipal government councils															
Action	Responsibility	Budget	Due Date	2020											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1-1. 1 st National Solid Waste Management Planning Workshop															
(1) Hold a national workshop	DEPC, DLA & JET	***	Mar 2020		■										
1-2. Annual Solid Waste Management Planning and Monitoring Form															
(1) Deadline of form submission	All province	-	Mar 2020		■	■ ■ ■									
(2) Feedback from DEPC	DEPC	-	April 2020			■ ■ ■ ■ ■ ■ ■ ■ ■ ■									



(3) Information disclosure via website	DEPC	-	May 2020															
(4) Consultation on SWM planning	DEPC & DLA	***																

Detailed Budget Table

SN	Item	Quantity	Unit price (vatu)	Amount (vatu)	Responsibility
1	Transportation fee (1 st National SWM Planning workshop)	7 persons	***	***	JET
2	Daily Allowance (1 st National SWM Planning workshop)	7 person-nights	***	***	JET
3	Printing	1 set	***	***	DEPC & JET

Priority Activity 2 - Detailed design of a Container Deposit Scheme (CDS) for its initial setup

Thematic 2 Sustainable Financing

Target 2-2 By 2020, an incentive scheme is established under the Waste Management Act

Result of priority activity in 2019

- A pre-feasibility study for introducing CDS was implemented in March 2020, and based on the study results, on Wednesday 30th October 2019 the COM made the following decisions: 1) the COM approves the introduction of a Container Deposit Scheme (CDS) that uses a Managing Agency model; 2) the COM approves that under a Management Agency model, the CDS will be solely managed by the management agent under the supervision of a board appointed by the Minister responsible for environment; 3) the COM approves the formation of a working group to develop the detailed design of the CDS under overall direction of the DEPC; 4) the COM approves the review of legislation necessary to implement the CDS; and 5) the COM approves the DEPC seeks funding donor partners for the detailed design of the CDS including JICA.
- Based on the COM decision, a CDS technical working group composed of the representatives of the national governments, beverage producers and importers, and civil society was formed, to develop the detailed design for the CDS, in December of 2019.
- On 24th February 2020, the 3rd Joint Coordinating Committee of J-PRISM II agreed that a new output "Economic incentive scheme is initiated for promotion of 3R + Return in Vanuatu" be added to introduce the CDS in Vanuatu.



Work Schedule

Feasibility study for introducing CDS in Vanuatu will be implemented in 2020 supported by JICA through J-PRISM II.

Priority Activity 2 - Detailed design of a Container Deposit Scheme (CDS) for its initial setup																
Action	Responsibility	Budget	Due Date	2020												
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
2-1. Feasibility study of the Container Deposit Scheme (CDS)																
(1) CDS technical working group	DEPC & JET	-	Jan 2019	Monthly meeting is regularly held (15 th of each month).												
(2) Review of legal framework	DEPC & JET	-	Feb 2019	█	█	█	█									
(3) Detailed design of CDS	DEPC & JET	-	Feb 2019	█	█	█	█	█	█	█	█	█	█	█	█	
(4) Draft drafting instructions	DEPC & JET	-	Feb 2019		█	█	█	█	█	█	█	█	█	█	█	█
(5) Make a FS report	JET	-	Mar 2019												█	█

Detailed Budget Table

SN	Item	Quantity	Unit price (vatu)	Amount (vatu)	Responsibility
1	Pre-Feasibility Study	1 set	<i>to be confirmed</i>	<i>to be confirmed</i>	JET

Priority Activity 3 - Development and endorsement of a waste minimization plan

Thematic 4 Waste Minimization

Target 4-1 By 2018, a waste minimization plan is developed and implemented (includes 3Rs, Composting, characterization, source separation etc.)

Result of priority activity in 2019

- The first draft of waste minimization plan 2021-2025 was developed in October 2019. In that draft, waste minimization options are identified by stakeholders as follows:



Stakeholder	Waste Minimization Options	Stakeholder	Waste Minimization Options
National coordination	<ul style="list-style-type: none"> i. Enforcement of Single-use Plastic Ban and Plastic Strategy ii. Introducing Container Deposit Scheme (CDS) iii. Promotion of School Environment Education iv. Collaboration with Eco and Sustainable Tourism v. Regional initiative for "3R + Return" vi. Source segregation in government offices 	Business	<ul style="list-style-type: none"> i. Reducing Disposal Food ware and Food Loss in Restaurants ii. Vanuatu Recyclers and Waste Management Association iii. Seeking Revers Innovation Technology for Recycling
Local government	<ul style="list-style-type: none"> i. Information Sharing of Good Practice ii. Pre-paid Bag Waste Collection as a User-pay System iii. Market Composting (on-site and off-site) 	Community and NGOs	<ul style="list-style-type: none"> i. Home Composting as an Alternative to Open Burning ii. Group Collection of Recyclables iii. Community Unit Working Group (CUWG)

Vanuatu National Action Plan to reduce releases of Unintentional Persistent Organic Pollutants (uPOPs) (2018-2022)

Persistent Organic Pollutants (POPs) are toxic chemicals that can travel long distances through air and water and accumulate in the fatty tissues of humans and other animals. These POPs do not degrade quickly over time, and consequently, potentially expose people to serious health issues including cancer, birth defects and immune system impairments. One of the Key Result Areas (KRA) for the uPOPs Action Plan is strongly related to SWM that "KRA3: Increase adoption of best practices in the waste management sector." A waste minimization plan will be developed in collaboration with uPOPs.

KRA3: Increase adoption of best practices in the waste management sector

Based on the results of the uPOPs inventory, the waste management sector is Vanuatu's main source of uPOPs emissions. While waste management practices are gradually improving with the implementation of recent donor-funded projects, there is still room for further improvement. For example, open burning of backyard waste still occurs, and there is limited understanding of the application of BAT/BEP to the waste sector. Future donor-funded projects will help to address some of these issues. Reductions in uPOPs emissions can be achieved through greater implementation of BAT and BEP measures. The specific activities to encourage adoption of best practices are as follows:

3.1 Implement a 5-year national composting campaign. This activity will contribute to achieving the NWMPCS goal of composting 60% of segregated organic wastes by 2020. This activity recognises that a sustained long-term effort is required to cause meaningful behaviour change. The composting campaign should seek to: raise awareness of composting as an



alternative to open burning and its link to reducing uPOPs production; promote practical forms of composting (e.g. backyard, community, and worm farm composting); and involve all stakeholders (e.g. through local competitions to design posters and compost bins, and public recognition for individuals and communities consistently engaging in good practices, demonstration of good techniques).

3.2 Implement at least one composting project in each province annually. This activity is realistic and achievable. Projects that could be implemented include market waste composting, community-based composting, introducing composting to selected schools, and establishment of worm farm composting.

(Source) "Vanuatu National Action Plan to reduce releases of Unintentional Persistent Organic Pollutants (uPOPs)" (2018-2022)

Work Schedule

The draft waste minimization plan 2021-20205 will be finalized after stakeholders' consultation.

Priority Activity 3 - Development and endorsement of a waste minimization plan															
Action	Responsibility	Budget	Due Date	2020											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
(1) Update the waste minimization plan	JET	-	Mar 2020			■									
(2) Conduct stakeholders consultation	DEPC & WG	-	May 2020				■	■	■						
(3) Finalize the waste minimization plan	DEPC & JET	-	Jul 2020							■	■	■	■	■	
(4) Open to the public	DEPC	-	Nov 2020											■	

Detailed Budget Table

SN	Item	Quantity	Unit price (vatu)	Amount (vatu)	Responsibility
1	Printing	1 set	***	***	DEPC & JET



Priority Activity 4 – Promotion of Clean School Programme by identifying one school in each province as an environment model school and environment ambassador

Thematic 7 Public Awareness

- Target 7-2 By 2020, at least one school in each province is an environment model school and environment ambassador (Clean School Programme).
 Target 7-3 By 2018, develop a waste and pollution public awareness plan (Clean school and clean community programme)

School Environmental Education

The school environmental education guidebook was published in 2017. The book was written by Kamewa school teachers and Chairman of the Luganville Municipal Waste Management, who had previously attended JICA training on Solid Waste Management in Shibushi, Japan. The book describes the importance of waste separation and composting, aiming to educate the younger generation on waste management and to bring about changes in the long run in communities and society in the future.

Currently, the guidebook is used only in Luganville and it is expected to be utilized nationally with support of the Ministry of Education and Training (MOET). MOET requested to develop a supporting manual describing a model class to explain the role of the guidebook in accordance with the official syllabus.

Work Schedule

WG will coordinate DEPC, LMC, MOET and relevant stakeholders related to environmental education, to develop awareness materials based on the experience of school environmental education in LMC, and clarify the process of dissemination through MOET.

Priority Activity 4 - Promotion Clean School Programme															
Action	Responsibility	Budget	Due Date	2020											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
(1) Develop a draft manual of guidebook	WG	-	Jul 2020				■	■	■	■	■				
(2) Consult Ministry of Education and Training	WG	-	Aug 2020					■	■	■	■				
(3) Field visit to LMC with Curriculum officer	DEPC & JET	***	Aug 2020									■			



(4) Finalize and submit the manual	WG	-	Oct 2020																
(5) identifying one school in each province as an environment model school and environment ambassador	DEPC & WG	-	Dec2020																

Detailed Budget Table

SN	Item	Quantity	Unit price (vatu)	Amount (vatu)	Responsibility
1	Transportation fee (field visit to LMC)	1 person	***	***	DEPC
		1 person	***	***	JET
2	Daily Allowance (field visit to LMC)	1 person	***	***	DEPC



Attachment: Monitoring result of NWMPCS by target related to SWM (As of September 2019)

Thematic area	Target	Progress			Achievement (Projection)	Priority Activity
		2017	2018	2019	2020	2020
1. Policy, Legislation and Enforcement	1) By 2017, VAT Act is revised to facilitate recycling of scrap metal	Not achieved (0)	In progress (0.5)	In progress (0.5)	50%	
	2) By 2018, landfill guidelines are developed and implemented	In progress (0.5)	Achieved (1)	In progress (0.7)	100%	
	3) By 2019, Policy and procedures for managing disaster waste is developed and approved.	Not achieved (0)	In progress (0.5)	In progress (0.7)	100%	
	4) By 2020, 100% of provincial governments have a Waste Management Plan.	In progress (0.5)	In progress (0.5)	In progress (0.7)	100%	
	5) By 2020, provincial governments have implemented 20% of their Waste Management Plans.	Not achieved (0)	In progress (0.5)	In progress (0.5)	100%	✓
	6) By 2020, Waste Regulations are in force and implemented	In progress (0.5)	Achieved (1)	Achieved (1)	100%	
	TOTAL (6)	1.5 points	4.0 points	4.1 points	92%	
2. Sustainable Financing	1) By 2017, identify investment opportunities from bilateral, multilateral, international agencies for waste management and pollution control.	Not achieved (0)	Not achieved (0)	Not achieved (0)	0%	
	2) By 2020, an incentive scheme is established under the Waste Management Act.	Not achieved (0)	Not achieved (0)	In progress (0.5)	100%	✓
	TOTAL (2)	0.0 points	0.0 points	0.5 points	50%	
3. Capacity Development	1) By 2018, at least 20% capacity for enforcement of Waste Management and Pollution Control laws is enforced.	In progress (0.5)	Achieved (1)	Achieved (1)	100%	
	2) By 2019, a waste management training module is developed and available at the local institution.	Not achieved (0)	In progress (0.5)	In progress (0.5)	50%	
	3) By 2020, a terms of reference is produced to assess the institutional capacity for DEPC and the councils waste management (in particular policy development and planning, funding and assessment, project cycle management)	Not achieved (0)	Not achieved (0)	Not achieved (0)	0%	
	TOTAL (3)	0.5 points	1.5 points	1.5 points	50%	
4. Waste Minimization	1) By 2018, a waste minimization plan is developed and implemented. (Includes, 3Rs, Composting, characterization, source separation etc.)	Not achieved (0)	Not achieved (0)	In progress (0.5)	90%	✓
	TOTAL (1)	0.0 points	0.0 points	0.5 points	90%	
5. Integrated Waste	1) By 2018, establish waste collection services in the provincial centers and municipal councils.	In progress (0.5)	In progress (0.5)	In progress (0.6)	60%	



Thematic area	Target	Progress			Achievement (Projection)	Priority Activity
		2017	2018	2019	2020	2020
Management	2) By 2020, all provinces has at least 1 or 2 approved treatment and storage facility.	In progress (0.5)	In progress (0.5)	In progress (0.2)	20%	
	3) By 2019, New Pollution Control equipment's installed for monitoring and compliance.	Not achieved (0)	Not achieved (0)	Not achieved (0)	0%	
	4) By 2019, install weighbridge at the Bouffa landfill for waste data and information.	Not achieved (0)	Not achieved (0)	Not achieved (0)	0%	
	5) By 2020, Luganville and Lenakel dumpsites are upgraded into landfills.	Not achieved (0)	Not achieved (0)	In progress (0.2)	20%	
	TOTAL (5)	1.0 points	1.0 points	1.0 points	20%	
6. National Coordination	1) By 2017, a national waste management and pollution control coordinating committee is established.	Not achieved (0)	Not achieved (0)	Not achieved (0)	100%	
	2) By 2018, develop an environmental monitoring program for closed dumpsites, existing dumpsites and landfills and other contaminated sites.	Not achieved (0)	Not achieved (0)	Not achieved (0)	0%	
	3) By 2018, establish multi sectorial partnerships in Vanuatu (NGOs, local business community)	Not achieved (0)	In progress (0.5)	Not achieved (0)	0%	
	TOTAL (3)	0.0 points	0.5 points	0.0 points	33%	
7. Public Awareness	1) By 2017, improve awareness on the responsibilities of the designated waste management operators under the Waste Management Act No.24 of 2014.	In progress (0.5)	In progress (0.5)	In progress (0.5)	100%	
	2) By 2020, at least one school in each province is an environment model school and environment ambassador (Clean School Programme).	Not achieved (0)	In progress (0.5)	In progress (0.5)	100%	✓
	3) By 2018, develop a waste and pollution public awareness plan (Clean school and clean community programme)	Not achieved (0)	Not achieved (0)	Not achieved (0)	0%	
	4) Ongoing annual Clean up Campaigns for communities, schools and provincial centers.	In progress (0.5)	Achieved (1)	In progress (0.5)	100%	
	TOTAL (4)	1.0 points	2.0 points	1.5 points	75%	

[Legend] Achieved: 1 point, In progress: 0.5 point, Not achieved: 0 point