## Management Response and Action Plan

Award ID: ZMB10/00094207

Project ID: ZMB 10/00087064

Project titled: "Reducing UPOPs and Mercury Re-leases from the Health Sector in Africa",

Date: 25 March 2021

Prepared by: Florence Kabinga Mwale

Position: Chief Environmental Health Officer

Unit/Bureau: Social Determinants unit

Cleared by: Winnie Musonda

Position: Assistant Resident Representative

Unit/Bureau: Environment - UNDP

Input into and update in ERC: Gracious Divunda Position: M&E Analyst

Unit/Bureau: PCOM UNDP

Overall Comments: The project will continue to be monitored by the Ministry of Health through established channel. A scale up plan exists to sustain the good environmental practices in the country. Stakeholder engagement will continue to ensure that autoclaving of waste is prioritised in future health care infrastructure developments. This will assist the Nation to reduce UPOPs and achieve a cleaner and safe environment in the health delivery areas.

**Evaluation Recommendation I:** Before the completion of the project, the four project teams should engage in intensive consultations with relevant local authorities (such as district/regional environmental authorities, public health offices and district/local councils). In particular, they should arrange visits of the autoclave treatment facilities by the local authorities and share with them reports and other information on testing of performance of the HCW sterilization.

Management Response: Fully accept agrees entirely with all the recommendation and will seek actions to achieve the recommendation.

	year-older-range of the second			
Key Action (s)	Time	Responsible	Tracking	
Arrange visits of the autoclave teach	Frame	Unit (s)	Status	Comments
Arrange visits of the autoclave treatment facilities by the local authorities and share with them reports and other	30m March			The Local Authorities have been engaged at
information on testing of performance of the HCW	2021		Completed	District levels and information shared with them
The new part of the new part o	hander i August de <mark>generale</mark> og 1 to Stromot i spekinger	anglika filosophiski kaliforni (1900-1900) a marana kaliforni (1900-1900) a marana kaliforni (1900-1900). E ma		during the Project implementation.

aluation Recommendation 2: Before the completion of t	the project, the	UNDP COs in the		
dictional mechanisms for a post-project monitoring of t	the project, the	UNDP COs in the		
dictional mechanisms for a post-project monitoring of t	the project, the	UNDP COs in the		
dictional mechanisms for a post-project monitoring of t	arfarmanaa af		four countries i	n cooperation with the national PIUs should estab
	remoninance of	the autoclaves ar	rd neriodic colle	ction of information about amounts of UCM town
e monitoring, led by the national health authorities, shou	ıld start immed	iately upon closur	e of the project	with monthly periodicity
anagement response: Fully accept agrees entirely with	all the recomn	nendation and will	seek actions to	achieve the recommendation.
Key Action (s)	Time Frame	Responsible Unit (s)	Tracking	
			Status	Comments
ablish institutional mechanisms for a post-project		МоН	Done	Indicators on HCWM have been included in
mitoring of performance of the autoclaves and periodic	-	4.	Completed	National performance monitoring tool
lection of information about amounts of HCW treated		To the state of th		
mmence National health authority led monitoring	30/03/2021	MoH	Completed	This is part of routine MoH monitoring at all lev
nediately upon closure of the project with monthly				time to part of robatile ritor ritoritoring at an te
riodicity			terminal department of the control o	
		March to complete spiritual resignation of the complete c		
aluation Recommendation 3: As part of the post-pro	oject monitorin	g, the four countr	ies should evalu	late merits of the past treatment on final discussion
			.co bilogia evan	ace ments of the post-freatment of final disposa
ough relevant LINDP outreach channels	maintenance o	of the shredding a	nd compacting	devices. The lessons learned should be dissemina
outaved frew and gather experience from operation and ough relevant UNDP outreach channels.	maintenance o	of the shredding a	nd compacting	devices. The lessons learned should be dissemina
ociaved filew and gather experience from operation and ough relevant UNDP outreach channels.	maintenance o	of the shredding a	nd compacting	devices. The lessons learned should be dissemina
ociaved fiew and gather experience from operation and ough relevant UNDP outreach channels.	maintenance o	of the shredding a	nd compacting	devices. The lessons learned should be dissemina
ough relevant UNDP outreach channels.	maintenance o	of the shredding a	nd compacting	devices. The lessons learned should be dissemina
nagement Response: Fully accept: agrees entirely	with all the r	of the shredding a	nd compacting n and will see	devices. The lessons learned should be disseminat
ough relevant UNDP outreach channels.	with all the r	of the shredding a secommendation Responsible	nd compacting n and will see Tracking	devices. The lessons learned should be disseminat
nagement Response: Fully accept: agrees entirely	with all the r	of the shredding a	nd compacting n and will see	devices. The lessons learned should be dissemina
nagement Response: Fully accept: agrees entirely  Action (s)  Juste merits of the post-treatment on final disposal of	with all the r	of the shredding a secommendation Responsible	nd compacting n and will see Tracking	devices. The lessons learned should be dissemina k actions to achieve the recommendation.  Comments
nagement Response: Fully accept: agrees entirely  Action (s)  Juate merits of the post-treatment on final disposal of oclaved HCW and gather experience from operation and	with all the r	ecommendatio Responsible Unit (s)	nd compacting n and will see Tracking Status	devices. The lessons learned should be dissemina k actions to achieve the recommendation.
nagement Response: Fully accept: agrees entirely  Action (s)  luate merits of the post-treatment on final disposal of oclaved HCW and gather experience from operation and other names of the shredding and compacting devices	with all the r  Time Frame Add time frame	ecommendatio Responsible Unit (s) MoH	n and will see Tracking Status Partially Completed	devices. The lessons learned should be dissemina k actions to achieve the recommendation.  Comments
nagement Response: Fully accept: agrees entirely  Action (s)  Juate merits of the post-treatment on final disposal of oclaved HCW and gather experience from operation and	with all the r Time Frame Add time	ecommendatio Responsible Unit (s)	nd compacting n and will see Tracking Status Partially	devices. The lessons learned should be dissemina k actions to achieve the recommendation.  Comments

working cluster HCW treatment systems including formulas for calculation of tariffs for transportation of HCW and treatment at the Management Response: Fully accept: agrees entirely with all the recommendation and will seek actions to achieve the recommendation. Key Action (s) Time Frame Responsible Tracking Unit (s) Collect Status and disseminate Comments Time frame MoH experience from working Partically A documentary planned for this activity. cluster HCW Completed Awaiting funding from National treasury. treatment systems including formulas for calculation of tariffs for transportation of HCW and treatment at the autoclave cluster treatment centres Evaluation Recommendation 5: In order to ensure continued after-warranty repair service of the installed autoclaves, the national health authorities and the project model HCFs in the four countries should establish national autoclave maintenance teams and/or contracting local external repair service companies. UNDP COs should be of assistance for identification of reliable local suppliers of necessary spare parts for the autoclaves. Management Response: Fully accept: agrees entirely with all the recommendation and will seek actions to achieve the recommendation. Key Action (s) Time Responsible Tracking Frame Unit (s) Establish national autoclave maintenance teams Status Comments MoH/ UNDP Done This has been taken on by the Medical Completed Equipment team at Headquarters. Evaluation Recommendation 6: Relevant health authorities in the four countries should establish procedures for sound post-project management of the central storage of mercury HCW and cooperate with holders of mercury waste in other sectors in order to identify final disposal option in line with provisions of the Minamata Management Response: Fully accept: agrees entirely with all the recommendation and will seek actions to achieve the recommendation. Key Action (s) Time Responsible Tracking

	Frame	Unit (s)	Status	Comments	
Establish procedures for sound post-project management of the central storage of mercury HCW and cooperate with holders of mercury waste in other sectors in order to identify final disposal option in line with provisions of the Minamata Convention		МоН	Partially done	Engaged ZEMA to give guidance on fina disposal options.	
Evaluation Recommendation 7 Relevant health authorite continuation of training and re-training courses with HCWM	ties in the for	our countries show	ld assist national he	ealth training institutions to secure financing fo	
Management Response:		iteatii workers			
Key Action (s)	Time Frame	Responsible Unit (s)			
			Tracking Status	Comments	
secure financing for continuation of training and re-training courses with HCWM modules for health workers		МоН	Partically Completed	The modules for HCWM have been included in the Environmental Health curriculum at University of Zambia and Levy Mwanawasa University.  More funding for continued training will be needed for the project sites due to high staff turnover.	
Name and Title:	And the second s	Mention of the second section of the section of the second section of the section o			
igned: United Nations Development Programme			Da	te:	
Vame and Title; DR KABALO ABEC,	~7				
igned:				Date: 25/00/2024	