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## Reducing Unintended Persistent Organic Pollutants (UPOPS) and Mercury Releases from the Health Sector in Africa

### Final 2018 Annual Work Plan

<p><b>Priorities:</b></p>	<p><b>Project Objectives:</b></p> <ol style="list-style-type: none"> <li>1. Implement best environmental practices and non-incineration and mercury-free technologies to help African countries meet their Stockholm Convention obligations and to reduce mercury use in healthcare;</li> <li>2. Ensure the availability and affordability of non-incineration waste treatment technologies in the region, building on the outcomes of the GEF supported UNDP/WHO/HCWH Global Medical Waste project.</li> </ol>
<p><b>Zambia-United Nations Sustainable Development Partnership Framework</b></p>	<p>By 2021 Productive sectors expand income earning opportunities that are decent and sustainable, especially for youths and women in the poorest areas.</p>
<p><b>UNDP strategic plan secondary outcome</b></p>	<p>Growth and development are inclusive and sustainable incorporating productive capacities that create employment and livelihoods for the poor and excluded</p>
<p><b>Expected CPAP Output 2</b></p>	<p>Vulnerable communities better equipped when faced with climate change</p>

**Implementing partner: Ministry of Health**

**Project Narrative:**  
The project will promote best practices and techniques for health-care waste management with the aim of minimizing or eliminating releases of Persistent Organic Pollutants (POPs) to help countries meet their obligations under the Stockholm Convention on POPs. The project will also support these countries in phasing-down the use of Mercury containing medical devices and products, while improving practices for Mercury containing wastes with the

Agreed by Implementing Partner:

*Dr. Jabbin Mulwanda*  
**Dr. Jabbin Mulwanda**  
 PS - Technical Services  
 Ministry of Health

Agreed by UNDP

*Mandisa Mashologu*  
**Mandisa Mashologu**  
 Country Director

<b>Annualised Budget: 296,400</b>	
Allocated resources:	
GEF	243,400
Government In kind	
UNDP	53000
<b>Total:</b>	<b>296,400</b>

Date 07/06/2018

Date 19/06/2018

SDG (Goal 13 Target 13.3; Goal 3 Target 3.1 & 3.9)																	
Alignment with Strategic Objectives of 7NDP: 1. Environmentally & Social Sustainability 2. Inclusive Diversified Economy																	
Annual Target: Reduction of emissions by 20% of emissions from pilot health facilities through installation of non-incineration technology. Reduce the number of mercury containing devices from pilot health facilities by 65%.																	
SDPF Output: Result 2.1.4 Government, private sector and non-state actors have increased capacity to adapt and mitigate against climate change leading to diversified, decent and sustainable livelihoods																	
Nro	Expected Output Baseline, associated indicators and annual targets	Activities List activity results	Sub-Activities List of associated actions	Responsibility	Focal Point	Timeframe 2018				Donor	Planned budget			Monitoring framework			Notes:
						Q1	Q2	Q3	Q4		Amount	Budget description	MRV	Expenditure	Progress towards outputs	June 2018	
<b>Component 2</b>																	
Outcome 2 : Institutional capacities to strengthen policies and regulatory framework, and to develop a national action plan for HCWM and Mercury phase-out enhanced	2.1 Number of national HCWM strategies, policies, plans as well as number of drafts for HCWM related standards and guidelines available	2.1.1 Review National Legislative framework to incorporate non-incineration technologies and reduction of Mercury releases from the Health Sector.	WHO	WHO		x	x	x	x	GEF	10,000	Conference facilities, Meetings costs	Meeting Report, Submission on recommendations to changes in the Public Health Act & guidelines.				Review ZEMA's HCWM guidelines one day meeting. Finalisation of the review of Public Health Act four days meeting run concurrently with curriculum review. SOP identification & development. Cover costs of hosting Steering Committee meetings twice a year.
		2.1.2 Host Project Steering Committee meeting	MOH	MOH		x				GEF	10,000	Conference facilities, Meetings costs	Steering Committee meeting minutes				
		2.1.3 Review curriculum of health sciences training institutions to include HCWM.	WHO	WHO		x	x	x	x	GEF		Training, workshop and conference	Integrated curricula				Undertake review of curricula in liaison with WHO and the 3 training institutions to incorporate HCWM. (Combine activity finalization of policy & legal Review).
		2.1.4 Gender mainstreaming activity in all project sites	UNDP	UNDP		x	x	x		GEF		Consultant, Conferences & meetings	Report & Gender segregated data.				International consultant will be engaged by UNDP Istanbul in conjunction with UNDP gender Office.
<b>Total Outcome 2</b>																	
<b>Component 3</b>																	
Outcome 3: HCWM systems demonstrated at the model facilities	3.1 BAT/BEP implemented at the model facilities	3.1.1 Receipt and distribute non mercury containing devices & HCW equipment, securing of storage space at sites.	MOH	MOH		x	x	x		GEF	60,000	Training, workshop and conference	Number and types of HCW Equipment & non mercury devices distributed & MCDs Collected and stored within UNEP guidelines.				Official handover ceremony of HCW equipment, training, delivery of mercury free devices and collection of mercury containing devices, temporal and central storage of MCDs (include refresher training on Mgt of HCW).
		3.1.2 Auto - Clave installation preparatory activities & Monitoring.	MOH	MOH		x	x	x		GEF	55,000	Training, workshop and conference	EIA clearance, Assessment I-RAT				Auto-Clave housing preps & installation. Project Team traveling to sites for monitoring & conduct assessment using the I-RAT.
		3.1.3 Training in the operation and maintenance of new technologies and Hg-free devices	MOH	MOH		x	x			GEF	47,400	Conference facilities, meetings	# of trained staff.				Train staff at 3 HCFs in Autoclave & Vehicle for transporting HCW - Operations & Maintenance.
		3.2 Reduction in greenhouse gas emissions through recycling demonstrated	MOH	MOH		x	x	x		GEF	64,000	Training, workshop and conference	Monitoring recycling activities of non-infectious waste at UTH. Report & baseline results.				Hold trainings and demonstration of HCW recycling at 3 HCFs in LSK. (Explore re-usable sharps containers) Joint measuring of emissions with Nationally Determined Contribution Support Program. US\$15,000
		3.3 Waste management plan & Policy at facility level	MOH	MOH		x	x			NDCS P		Local consultant					
			MOH	MOH		x	x			GEF	45,000	Conferences, meetings	8 HCWM developed meetings				Hold review meetings of developed HCWM Plans. (Including introduction of WASH FIT activities)

	3.4 Knowledge Management & sharing exchange	3.4.1 Participate in training of project management skills	MOH	x	x	x	x	UNDP	Training, workshop and conference.	# of trained project personnel	# of project personnel trained in enhanced project management skills. UNDP- CO budgets US\$3,000 for logistics.
Total Outcome 3									271,400		
Stationery and office supplies			MoH	x	x	x	x	GEF	5,000	Stationery, internet router & airtime	Purchasing of stationery and supplies for the whole year. MTN Router & subscription + monthly airtime of K250
PMC1			UND/MoH	x	x	x	x	GEF			
Recruitment of Research Assistant			UNDP	x	x	x	x	UNDP	Recruitment of RA	1 RA recruited	Project staff and consultant costs RA recruited to provide support on IEC & publications.
PMC2			UNDP	x	x	x	x	UNDP			UNV
Total Outcome 4									5,000		
TOTAL GEF									286,400		
TOTAL WHO (GEF)									10,000		
TOTAL UNDP									0		
Total									296,400		