

## 2013 APPROVED ANNUAL WORK PLAN FOR LESS BURN FOR A CLEAN EARTH PROJECT

Award ID 0060200/00075698

Award Title Nigeria

Business Unit NGA 10

Project Title Less Burnt for a Clean Earth: Minimization of Dioxin Emission from Open Burning Sources in Nigeria

Project ID: PIMS No. 4122

Implementing Partner (Executing Agency) Nigeria

EXPECTED OUTCOMES	OUTPUTS	ACTIVITY DESCRIPTION	TIME FRAME				RESPONSIBLE PARTY	PLANNED BUDGET	
			2013 Q1	2013 Q2	2013 Q3	2013 Q4		Funding Source	Amount (USD)
<b>Component 1: Legislative Strengthening/Policy Development</b>									
A). Assess and quantify baseline data on current and projected	1). Conduct inventory demonstration of UPOPs sources and releases from open	i. UPOPs Inventory update	X	X	X	X	Pilot States Monitoring Expert Working Group	GEF	32,000

releases of UPOPs from open burning of MAW	burning of municipal in two pilot states								
B). Technical by-laws and guidance adopted by pilot state EPA	1). Technical By-laws, State and municipal guidance covering UPOPs reduction in municipal waste management developed.	i). 2 Expert working groups to update/strengthen technical by-laws in pilot states	X	X			PMU/Expert working grp	GEF	18,000
		ii). Organization of stakeholders' review/adoption workshop on technical by-laws in each pilot state		X	X		PMU/UNDP	GEF	20,000
		iii). Publications of new laws for key stakeholders organizations		X	X		PMU	GEF	5,000
C). Federal Waste management policy adopted	1). Federal UPOPs reduction implementation strategy	i)Engagement of National UPOPs reduction Strategy development expert/Development of UPOPs reduction	X	X	X		PMU	GEF	20,000

	developed	guidance Notes/Strategy and UPOPs awareness raising brochure							
		ii). Stakeholders review of UPOPs reduction guidance notes/ reduction strategy, and UPOPs awareness raising brochure			X		PMU	GEF	25,000
		iii). Publication of UPOPs reduction guidance notes/strategy			X	X	PMU	GEF	12,000
		iv). Publication of UPOPs problem awareness raising brochure for Nigeria				X	PMU	GEF	20,000
D). Federal & State Municipal waste policy setting & enforcement capacity increased	1). Strengthened capacity in UPOPs minimizing MAW management practice	i). Engagement of National Expert on training needs assessment for UPOPs policy implementation & enforcement		X			PMU/UNDP	GEF	12,000
		ii). Budget line for National Expert		X			PMU/UNDP	GEF	4,500

		iii). Training in 2 pilot states on improvement of enforcement capacity w.r.t. UPOPs regulations & by-laws			X	X	PMU	GEF	112,000
<b>TOTAL FOR COMPONENT 1=280,500</b>									
<b>COMPONENT 2: REDUCTION OF UPOPS EMISSION THROUGH INTRODUCTION OF NEW PRACTICES &amp; APPROACHES IN MUNICIPAL WASTE HANDLING</b>									
A). UPOPS emissions reduced through improved sorting of municipal waste.	1). Introduction of municipal waste separation techniques in two selected communities	i). Engagement of NGO for Public Awareness/outr each campaign for waste sorting & composting in Onitsha	X				NGO	GEF	6,500
	2). Establishment of composting and collection of compostable municipal waste in two communities in	i). Purchase of 750 numbers of 60 litres Waste sorting receptacles for household waste sorting in	X	X			PMU	GEF	65,000

	the pilot states	Onitsha							
		ii). Construction of a community-based windrow system waste compost plant in Onitsha	X	X			PMU	GEF	65,000
		iii). Test running of the plant for compost production/training of personnel on composting		X	X		PMU	GEF	51,000
B. UPOPS emissions reduced through improved incremental management of dumpsites to suppress/prevent burning	1). Model dumpsite managed incrementally to reduce burning	i). Engagement of International dumpsite/landfill management expert	X	X			PMU/UNDP	GEF	18,000
		ii). Travels to Nigeria	X				PMU/UNDP	GEF	4,500
		iii). Upgrade of dumpsites in the 2 pilot sites		X	X	X	PMU	GEF	200,000

C). UPOPs emission reduced through introduction of new practices & approaches in municipal waste handling	1). Introduction of municipal waste separation at selected communities	i). Development of training modules & video programmes on UPOPs reduction			X	X	PMU	GEF	38,000
		ii). Engagement of Food for waste International expert		X	X		PMU/UNDP	GEF	30,000
		iii). Engagement of Food for waste/scavenger training national expert		X	X		PMU	GEF	26,400
		iv). Implementation of Food for waste demonstration in two locations in each pilot state			X		PMU	GEF	286,800

		v). Training for scavengers in the 2 pilot states		X	X			PMU	GEF	300,000
<b>TOTAL FOR COMPONENT 2 = \$ 1,091,200</b>										
<b>COMPONENT 3: REDUCTION OF UOPS EMISSION FROM BURNING OF FARM FIELDS IN PREPARATION FOR PLANTING</b>										
A). Reduction of open burning of agricultural waste in agricultural practices	1). Establish pilot demonstration on alternative approaches to crop residue burning in Kano state	i-National Agricultural Expert consultancy fee	X	X	X	X		PMU	GEF	34,320
B. Reduction of UOPs emission from burning of farm fields	1). Alternative approaches to crop residue burning at pilot sites in Kano state introduced	i-Training/ Demonstration of use of crop residue shredders at 2 pilot sites in Kano	X					PMU	GEF	60,000
		ii- Demonstration of slash & mulch/Cru	X	X	X			PMU/UNDP	GEF	90,000

		process practices in different farms at the 2 pilot sites							
		iii)- Demonstration of use of cover crop to reduce weeds.		X	X		PMU	GEF	60,000
		iv). Demonstration of improved farming systems as sustainable alternative to traditional burning of farm fields			X	X	PMU/UNDP	GEF	50,000
		v). Training on crop rotation at farms already practicing it with no burning		X	X		PMU	GEF	40,000



	2). Estimating UPOPs releases from open burning of agricultural waste	Inventory of sources of dioxin emission from burning of agric. waste	X	X	X	X		GEF	7000
<b>TOTAL FOR COMPONENT 3= \$ 341,320</b>									
<b>Project Management Unit</b>									
Project Management	i). Steering Committee Meetings		X		X		PMU	GEF	25,000
	ii). Project Personnel	X	X	X	X		PMU	GEF	28,000
	iii). Travels for M&E activities	X	X	X	X		PMU	GEF	30,000
	iv). Communications (Internet, telephone etc)	X	X	X	X		PMU	GEF	15,000
	v). Office Supplies (Stationeries, office)	X	X	X	X		PMU	GEF	10,000

	consumables etc)							
	vi). International Meetings & Trainings	X	X	X	X		CO- SHARE	28,000
	vii). Audit							5000
	Mid term review		X			UNDP		25,000
	Miscellaneous	X	X	X	X	UNDP/PMU		5,802
<b>TOTAL FOR PROJECT MANAGEMENT UNIT= \$ 171,802</b>								
<b>GRAND TOTAL = \$ 1,884,822</b>								



Project Manager /Technical Director

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5<sup>th</sup> December 2012