



UN Development Programme

Guyana - Georgetown

Project: 00077684
Project Title: MAINSTREAMING BIODIVERSITY
 MANAGMENT INTO MINING
Start Year: 2013
End Year: 2017

Implementing Partner: UNITED NATIONS
 DEVELOPMENT PR

Responsible Parties: O/o Nat Res & Env Policy & Pla
 Ministry of Nat Resource & Env

Revision Type:

Project Description:

Budget (US\$) as of Last Revision on		
Donor	Fund	Amount
GEFTrustee	62000 GEF Voluntary Contribution	759,166.72
Total Budget (2015 and Beyond)		759,166.72
Total Utilization (2014 and Prior)		132,486.28
GEFTrustee	62000 GEF Voluntary Contribution USD42,680.55	
UNDP	04000 TRAC USD89,805.73	
Project Total		891,653.00
Unprogrammed/Unfunded		0.00

Agreed by: Chisa Mikami, Resident Representative a.i.

[Signature] 18 Feb. 2015

Agreed by: Joslyn McKenzie, Permanent Secretary

[Signature] 13 Feb 2015

Agreed by:

Agreed by:



Annual Work Plan

Guyana - Georgetown

Project: 00077684

Project Title: MAINSTREAMING BIODIVERSITY MANAGEMENT INTO MINING

Year: 2015

Report Date: 13/2/2015

Output	Key Activities	Timeframe		Responsible Party	Planned Budget				
		Start	End		Fund	Donor	Budget Descr	Amount US\$	
00088312 MAINSTREAMING BIODIVERSITY MAN	ENB MONITORING & ENFC	1/12/2013	31/12/2014	Ministry of Nat Resource & Env	62000	GEFTrustee	72800	Information Technology Equipm	30,000.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	71300	Local Consultants	56,000.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	75700	Training, Workshops and Confer	18,130.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	74500	Miscellaneous Expenses	2,000.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	71600	Travel	34,400.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	71200	International Consultants	30,000.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	72400	Communic & Audio Visual Equip	30,600.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	72500	Supplies	10,000.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	72300	Materials & Goods	48,800.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	74200	Audio Visual&Print Prod Costs	0.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	71300	Local Consultants	14,700.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	71200	International Consultants	0.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	71600	Travel	8,400.00
				Ministry of Nat Resource & Env	62000	GEFTrustee	74500	Miscellaneous Expenses	833.00
Ministry of Nat Resource & Env	62000	GEFTrustee	75700	Training, Workshops and Confer	5,000.00				
Ministry of Nat Resource & Env	62000	GEFTrustee	74100	Professional Services	0.00				
Ministry of Nat Resource & Env	62000	GEFTrustee	72500	Supplies	1,200.00				
Ministry of Nat Resource & Env	62000	GEFTrustee	71300	Local Consultants	0.00				
Ministry of Nat Resource & Env	62000	GEFTrustee	73500	Reimbursement Costs	2,324.00				
TOTAL									292,387.00
GRAND TOTAL									292,387.00

ANNUAL WORK PLAN

Year: 2015

EXPECTED OUTCOMES And baseline, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIMEFRAME				Responsible Party	Funding Source	IMPLEMENTING/ RESPONSIBLE ENTITY	
		Q1	Q2	Q3	Q4			Budget Description	Amount (US\$)
<p>OUTCOME 1</p> <p>Enabling environment for monitoring and enforcement of mining-related environmental regulations and codes of practices strengthened.</p> <p>Baseline:</p> <p>Number of enforcement and prohibition notices has almost nil for small and medium scale mining. Ad-hoc monitoring or compliance checks in response to complaints amount to approximately 4-5 per year.</p> <p>Baseline will be determined through a survey administered in the first 6 months of project.</p> <p>Baseline to be determined once high priority areas for monitoring and enforcement are established during the first 6 months of project implementation.</p> <p>Indicators:</p> <p>Number of actions taken by EPA (such as issuance of enforcement notices, laying of charges or mediation proceedings) in the areas identified through the project as high priority for monitoring and</p>	<p>Activity Result 1: Satellite tracking of mining activities, and analysis and reporting of findings from satellite images by GGMC and EPA, increase oversight of non-compliance with regulations and illegal mining.</p> <p>Action: Draft ToR for International Consultant to provide training in satellite image interpretation and application of Open Data Kit (ODK) software, develop written training material, establish mechanism for sharing of satellite images and integration in GIS system and analysis of future improvements to increase usefulness of satellite tracking.</p> <p>Action: Implementation of consultancy to provide training in satellite image interpretation and application of ODK software, develop written training material, establish mechanism for sharing of satellite images and integration in GIS system and analysis of future improvements to increase usefulness of satellite tracking.</p>		X			EPA	GEF	71200- International Consultant	30,000
				X				72500- Supplies	5,000
								75700- Training, Workshops and Conferences	9,130
								71600-Travel	8,000

<p>enforcement in small and medium-scale gold mining.</p> <p>Level of coordinating capacity among institutions and non-state actors for enforcement of mining-related environmental practices.</p> <p>% of total area identified as high priority for monitoring and enforcement that is being monitored using satellite tracking.</p> <p>Target:</p> <ul style="list-style-type: none"> • Increase in number of compliance actions taken by EPA (such as issuance of enforcement notices, laying of charges or mediation proceedings) by at least 50% over 2013/2014 baseline target of at least 7 per year) • Target will be determined in first 6 months of project • At least 75% of total high priority area is being monitored using satellite tracking. 	<p>Activity Result 2: GGMC and GGDMA Officers support mainstreaming of BD in mining sector through increased enforcement of regulations and codes of practice and strengthened capacity on BD.</p> <p>Action: Draft ToR for Local Consultant to provide training to GGMC and GGDMA Officers, produce training brochure and update checklist in use to monitor compliance by GGMC.</p> <p>Action: Implementation of consultancy to provide training to GGMC and GGDMA Officers, produce training brochure and update checklist in use to monitor compliance by GGMC.</p>		X	X		EPA	GEF	71300- Local Consultant 75700- Trainings and workshops	21,000 9,000
	<p>Activity Result 3: Strengthened EPA facilitates oversight of mining operations and increases BD protection through greater capacity of staff to carry out monitoring and enforcement and prioritize actions.</p> <p>Action: Procurement of 3m satellite imagery.</p> <p>Action: Procurement of 3 computer monitors for EPA.</p> <p>Action: Delivery/ Transfer of audio-visual and communication equipment procured for EPA under the 2014 AWP.</p> <p>Action: Procurement of remote sensing software and ARCGIS license for EPA.</p>	X	X	X				72400- Communication and Audio-visual Equipment 72800- Information Technology Equipment	30,600 30,000
		X	X					71300- Local Consultant	14,000

<p>OUTCOME 2: Enhanced capacities for uptake of practices that promote biodiversity conservation.</p> <p>Baseline: 1 Baseline course adequately incorporates the topic of BD (Codes of practice for small and medium-scale miners). Baseline to be determined once project identified high priority areas for monitoring and enforcement. Baseline 0.</p> <p>Indicators: # of courses or seminars implemented through Mining School that integrate BD considerations. % of miners observed by field officers who are complying with the environmental regulations and codes of practice in areas identified as high priority for monitoring and enforcement (based on checklist). % of small and medium-scale gold miners participating in project seminars who</p>	<p>Action: Implementation of consultancy to execute prioritization of hotspots for monitoring and enforcement. Action: Implementation of consultancy to build capacity of EPA and develop monitoring checklist and written training material.</p> <p>Miscellaneous</p>	X	X	X	X	EPA	GEF	71600-Travel 71300- Local Consultant 72500- Supplies 74500- Miscellaneous	26,400 21,000 5,000 2,000	211,130
<p>Activity Result 1: Mining School programmes integrate biodiversity considerations.</p> <p>Action: Draft TOR for Local Consultant to Update Mining School curriculum to integrate BD aspects. Action: Implementation of consultancy to Update Mining School curriculum to integrate BD aspects. Action: Draft TOR for Local Consultant to train a minimum of 6 trainers at Mining School Action: Implementation of consultancy to train a minimum of 6 trainers at Mining School Action: Procurement of bench equipment for Mining School Action: Draft TOR for International Consultant to conduct Mid-Term review. Action: Conduct Project Steering Committee Meetings twice per year</p>	<p>Action: Draft TOR for Local Consultant to train a minimum of 6 trainers at Mining School Action: Implementation of consultancy to train a minimum of 6 trainers at Mining School Action: Procurement of bench equipment for Mining School Action: Draft TOR for International Consultant to conduct Mid-Term review. Action: Conduct Project Steering Committee Meetings twice per year</p>	X	X	X	X	EPA	GEF	71300- Local Consultant 72500-Supplies 71300- Local Consultant 71600-Travel 72300- Materials and Goods 75700- Trainings and workshops 74500- Miscellaneous	10,500 1,200 4,200 8,400 48,800 5,000 833	211,130

<p>report an increased awareness of mining-related regulations and biodiversity issues.</p> <p>Target:</p> <p>At least 5 courses or seminars implemented through Mining School that adequately incorporated BD considerations (Codes of practice for small and medium-scale miners; mine reclamation; environmental impact management; health and safety and placer mine sites; and introductory level training of prospectors for the extractive industry).</p> <p>An increase of at least 30% over the baseline of small and medium scale miners in areas identified as high priority for monitoring and enforcement comply with the environmental regulations and codes of practice (the baseline of high priority areas will be established at project outset and the target will be confirmed at project outset).</p> <p>75% of small and medium-scale gold miners who participate in project seminars report an increased awareness of mining-related regulations and biodiversity issues.</p>	<p>Miscellaneous</p>													<p>78,933</p>
<p>Project Management</p>									<p>GEF</p>	<p>73500- Reimbursement Costs</p>				<p>2,324</p>
<p>Total Project Management Cost</p>														<p>2,324</p>
<p>TOTAL PROJECT COSTS</p>														<p>292,387</p>