

**UNITED NATIONS DEVELOPMENT PROGRAMME
COUNTRY: GUYANA
ANNUAL WORK PLAN 2017**

Project Title Enhancing Biodiversity Protection through Strengthened Monitoring, Enforcement and Uptake of Environmental Regulations in Guyana's Gold Mining Sector

MSDF Outcome(s): Inclusive and sustainable solutions adopted for the conservation, restoration and use of ecosystems and natural resources

Expected CP Outcome(s): Natural capital – building a green economy

Implementing Partner Ministry of Natural Resources


Brief Description

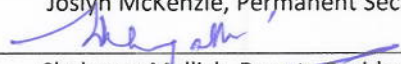
Gold mining is a key sector in Guyana's economy and plays an important role in the country's socio-economic development. However, at the same time it is the main driver of deforestation and forest degradation and associated biodiversity loss. Inadequate management of tailings, little reclamation of mined-out areas, and various other practices are posing increasing threats to the extremely high levels of biodiversity and endemism found in Guyana. Various barriers currently hamper the mainstreaming of BD in the gold mining sector, including 1) Non-compliance with mining-related environmental regulations and illegal mining; 2) Insufficient personnel and institutional capacity to enforce the regulatory framework; 3) Insufficient capacity to implement the environmental regulations and codes of practices among miners. This Medium-Sized Project (MSP) has been developed to address these three critical barriers. The project objective is to strengthen monitoring and implementation of biodiversity-friendly practices in Guyana's gold mining sector to reduce biodiversity loss and maintain ecosystem functionality for the benefit of all Guyanese. This will be achieved through the following two Outcomes: 1) Enabling environment for monitoring and enforcement of environmental regulations and codes of practice strengthened; and 2) Enhanced capacities for uptake of mining practices that promote biodiversity conservation. These Outcomes will be achieved by strengthening EPA's role in oversight of mining practices, enhancing inter-institutional cooperation, increasing satellite tracking of mining activities and building field officer capacity in monitoring and enforcement and BD issues. In addition, the project will integrate BD in the Mining School programmes and provide user-friendly material and seminars to enable miners to understand the regulatory framework in place and best practices to improve BD conservation in gold mining. The MSP will contribute to GEF Biodiversity Focal Area for GEF 5, Objective 2: Mainstream biodiversity conservation and sustainable use into production landscapes, seascapes and sectors, specifically Outcome 2.1: "Increase in sustainably managed landscapes and seascapes that integrate biodiversity conservation".

Programme Period:	2017 to 2021
Key Result Area (UNDP Strategic Plan):	Output 1.3
Atlas Award ID:	00077684
Start Date:	August 2014
End Date:	August 2017
PAC Meeting Date:	11 July 2014
Management Arrangements:	NIM

Total resources required:	USD 423,234.46
Total allocated resources:	
o GEF	USD 803,653
o EPA	USD 599,265*
o GGMC	USD 1,951,352*
o MNRE	USD 600,000*
o WWF	USD 150,000*
o UNDP	USD 88,000
In-kind contributions:	
GFC	USD 150,000

*Parallel funding recognised by the GEF.

Agreed by Ministry of Natural Resources:  Date: 2017/05/11

Agreed by UNDP:  Date:

Joslyn McKenzie, Permanent Secretary
Shabnam Mallick, Deputy Resident Representative

DRAFT ANNUAL WORK PLAN

Year: 2017

EXPECTED OUTCOMES And baseline, indicators including annual targets	PLANNED ACTIVITIES List activity results and associated actions	TIMEFRAME				Responsible Party	IMPLEMENTING/ RESPONSIBLE ENTITY		
		Q1	Q2	Q3	Q4		Funding Source	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 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>Indicators:</p> <ul style="list-style-type: none"> 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 enforcement in small and medium-scale gold mining. Level of coordinating capacity among institutions and non-state actors for enforcement of 	<p>Activity Result 2: Inter-institutional coordination mechanisms.</p> <p>Activity Result 3: Multi-stakeholder network enhanced to support mainstreaming of BD in mining through strengthened capacity on BD and increased monitoring and enforcement of regulations and codes of practice.</p> <p>Action: Implementation of consultancy to define agencies' roles, define inter-institutional coordination mechanism, develop collaboration protocol and define mechanism of operation of multi-stakeholder enforcement network.</p> <ul style="list-style-type: none"> Implementation of consultancy to provide training to GGMC, GGDMA, GFC, Agency Board members, local leaders/NGOs/CBOs officers, update checklist in use to monitor compliance, produce reporting mechanism and produce training brochure. <p>Action: Review the current legislative framework and institutional mandates</p>	X	X			EPA	GEF	71300 - Local Consultant	45,500
		X	X					71300 - Contractual	30,629.68

<p>mining-related environmental practices.</p> <ul style="list-style-type: none"> • % of total area identified as high priority for monitoring and enforcement that is being monitored using satellite tracking. <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) • 50% increase in the number of collaborative meetings and monitoring visits for enforcement of mining-related environmental practices. • At least 75% of total high priority area is being monitored using satellite tracking 	<p>of GPMC and GFC and extent of acknowledging biodiversity as part of monitoring and enforcement and arrangements for coordination, collaboration, information sharing, reporting etc.</p> <ul style="list-style-type: none"> • Make recommendations for establishing, improving and enhancing mechanisms where they exist. <p>Action: Biodiversity joint compliance monitoring with GPMC, EPA and MNR.</p> <p>Action: Procurement of office and field equipment for EPA, GPMC and MNR to aid in satellite tracking and monitoring.</p> <p>Action: World Environment Day and International Day of Biological Diversity Activities.</p> <ul style="list-style-type: none"> • Launch of State of Environment Report. • Connecting Business to Nature - Business Forum. • Public Awareness Workshop for NBSAP Stakeholders 										<p>services- individual</p>		<p>64,530.39</p> <p>7,418.14</p> <p>12,923.40</p> <p>7,219.09</p> <p>3,321.82</p> <p>35,414.44</p>
TOTAL OUTCOME 1											206,956.96		

OUTCOME 2: Enhanced capacities for uptake of practices that promote biodiversity conservation.	Result 2: User-friendly material and capacity building facilitate uptake of BD- friendly practices by miners.			EPA	GEF		
<p>Baseline: Baseline course adequately incorporates the topic of BD (Codes of practice for small and medium-scale miners). Baseline 0.</p> <p>Indicators:</p> <ul style="list-style-type: none"> # 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 report an increased awareness of mining-related regulations and biodiversity issues. <p>Target:</p> <ul style="list-style-type: none"> 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 	<p>Action: Print six (6) Billboards, print and distribute posters, user-friendly summaries. Advertise jingles and infomercials.</p>		X			74500 - Audiovisual & Print Prod. Costs	45,000
<p>Indicators:</p> <ul style="list-style-type: none"> % 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). 	<p>Action: Implementation of consultancy to assess project objectives, indicators and social change.</p>		X			72300 - Materials & Goods	25,574.37
<p>Indicators:</p> <ul style="list-style-type: none"> % of small and medium-scale gold miners participating in project seminars who report an increased awareness of mining-related regulations and biodiversity issues. 	<p>Action: Biodiversity joint compliance monitoring with GGM/C, EPA and MINR.</p>		X			71300 - Local consultants	2,700
<p>Indicators:</p> <ul style="list-style-type: none"> % 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). 	<p>Action: World Environment Day Activity.</p> <ul style="list-style-type: none"> Connecting Schools to Nature. Youth Hinterland-Coastland Biodiversity Exchange. 		X			74100 - Professional services	15,000
<p>Indicators:</p> <ul style="list-style-type: none"> % of small and medium-scale gold miners participating in project seminars who report an increased awareness of mining-related regulations and biodiversity issues. 	<p>Action: Biodiversity joint compliance monitoring with GGM/C, EPA and MINR.</p>		X			71300 - Contractual Services - Individual	13,647
<p>Indicators:</p> <ul style="list-style-type: none"> % of small and medium-scale gold miners participating in project seminars who report an increased awareness of mining-related regulations and biodiversity issues. 	<p>Action: Biodiversity joint compliance monitoring with GGM/C, EPA and MINR.</p>		X			71600 - Travel	44,900
<p>Indicators:</p> <ul style="list-style-type: none"> % of small and medium-scale gold miners participating in project seminars who report an increased awareness of mining-related regulations and biodiversity issues. 	<p>Action: World Environment Day Activity.</p> <ul style="list-style-type: none"> Connecting Schools to Nature. Youth Hinterland-Coastland Biodiversity Exchange. 		X			75700 - Workshops Costs	17,908.75

<p>introductory level training of prospectors for the extractive industry).</p> <ul style="list-style-type: none"> 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). 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>Action: Draft TOR for International Consultants to conduct Final Evaluation.</p> <p>Action: Conduct Final Evaluation.</p> <p>Action: Conduct Project Steering Committee Meetings twice per year.</p>	<p>X</p>	<p>X</p>		<p>71200 - International consultants</p>	<p>40,106</p>
<p>TOTAL OUTCOME 2</p>	<p>Project Management</p>				<p>GEF</p> <p>71400 – Contractual Services – Individual</p>	<p>206,600.98</p> <p>9,676.52</p>
<p>TOTAL PROJECT COSTS</p>						<p>423,234.46</p>