

UNITED NATIONS DEVELOPMENT PROGRAMME

Country: Guyana
Annual Work Plan 2016

Project Title:

Building Resilience and Sustainable Livelihood: Mainstreaming Disaster Risk Management/Disaster Risk Reduction (DRM/DRR) into the Agriculture Sector in Guyana

UNDAF Outcome(s):

National policies, strategies, and plans for disaster risk reduction (DRR), management of natural resources, and access to clean energy and services developed, implemented, monitored, and evaluated.

Expected CP Outcome(s):

Outcome 3: Improved functional capacity of key natural resources and disaster risk management institutions.

Implementing partner:

United Nations Development Program (UNDP)

Brief Description

Guyana is extremely susceptible to a number of hydro-meteorological, biological and technological hazards. The high concentration of human and economic assets within the low lying Coastal Plain, high intensity seasonal rainfall, the complex network of drainage and irrigation canals of varying structural integrity, and the low priority ascribed to risk reduction are principal socio-political and biophysical factors responsible for these vulnerabilities.

The vulnerability of the agriculture sector to natural hazards represents a real threat to sustainable socio-economic growth, and long term peace and prosperity at the national level. This is particularly relevant given the paramount importance of the agriculture sector to national development, food and nutrition security, poverty reduction and livelihood opportunities, especially for vulnerable small farmers and livestock holders.

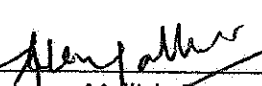
The project will build on the momentum of past and ongoing UNDP and FAO projects and initiatives in the field of disaster risk management (DRM). The development goal is to strengthen national capacity in mainstreaming DRM in the agriculture sector and build resilience of sustainable livelihoods against disaster, especially focusing on agricultural communities to contribute to securing livelihoods of the communities and national food security.

The major benefits of this project are expected to be: (a) Strengthened institutional and coordination mechanisms and technical capacities for DRM/DRR mainstreaming in the agriculture sector. The enhanced institutional and coordination mechanisms will facilitate the cooperation of all stakeholders in agricultural DRM (ADRM) thereby providing the means by which the sector can not only shorten its recovery response period, but also manage disaster risk reduction and mitigation efforts; (b) strengthened technical capacity of national institutions to employ DRR tools, practices and approaches in support of farming communities. The cadre of persons trained will be immediately available to support national efforts at DRM/DRR, and to train other individuals, thereby maximizing the impact and sustainability of the intervention; (c) strengthened capacity of farming communities to be resilient towards disasters. Community based DRM approaches will be piloted in selected communities; and (d) Public awareness activities and dissemination of information on DRR practices and approaches among farming communities supported. The importance of awareness building and dissemination of information on DRR practices and approaches among farming communities cannot be overly emphasized.

Programme Period:	2012 to 2016
Key Result Area (UNDP Strategic Plan)	Output 1.3
Atlas Award ID:	00098670
Start Date:	February, 2016
End Date:	February, 2018
PAC Meeting Date:	15 th January, 2016
Management Arrangements:	DIM

2016 AWP Budget:	US\$ 206,369.64
Total resources required:	US\$ 299,855.00
Total allocated resources:	
• Government of Japan	US\$ 299,855.00
In-kind contributions and grants:	
• Government	CDC, MoA

Agreed by UNDP: _____


Shabnam Mallick, Deputy Resident Representative
25 February, 2016

Annual Work Plan
Year: 2016

EXPECTED CP OUTPUTS <i>And baseline, indicators including annual targets</i>	PLANNED ACTIVITIES <i>List activities results and associated actions</i>	Timeframe				IP/Responsible party	Planned Budget		
		Q 1	Q 2	Q 3	Q 4		Funding Source	Amount	
<p>Output 1: Institutional and coordination mechanisms within the agricultural sector to mainstream DRM strengthened</p> <p><i>Indicators:</i></p> <ol style="list-style-type: none"> 1) Number of Report on Assessment of status of implementation of the ADRM Plan. 2) Number of Report on Assessment of existing policy documents. 3) Number of Report on Assessment of training and capacity building needs. 4) Level of capacities of national institutions involved in ADRM strengthened through capacity building and awareness workshops conducted: Low, Medium, High¹ 5) Number of ADRM Committee meetings convened to support DRM coordination in the agriculture sector. <p><i>Baseline:</i></p> <ol style="list-style-type: none"> 1) 0. 2) 0. 3) 0. 4) Low. 5) 0. 	<p>Activity Result 1.1: Re-establishment of the ADRM Committee with strengthened coordination and institutional mechanisms for ADRM</p> <ul style="list-style-type: none"> - Action 1.1.1: Conduct an assessment of the status of the implementation of the ADRM Plan. - Action 1.1.2: Conduct a review on existing policy documents and institutional and coordination mechanisms. - Action 1.1.3: Assess training and overall capacity building needs of the staff of the MoA and other national institutions involved in the implementation of the DRM Plan for the agriculture sector. - Action 1.1.4: Support the strengthening and re-establishment of the ADRM Committee and conduct capacity building and awareness workshops for staff of national institutions involved in ADRM. 					UNDP/FAO	GoJ	6,000.00	
								71300 - Local consultant	1,400.00
								75700 - Training, Workshops and conferences	1,000.00
								74200 - Audio Visual & Print Prod Costs	1,000.00
								74500 - Miscellaneous	1,000.00

¹ The definition of the level of capacities refers to the percentage of understanding of the national institutions (training participants) in the concept of the DRM mainstreaming in the agriculture sector. Low = 0-29% of the participants understand the concept; Medium = 30-59%; and, High = 60% or higher.

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		Q 1	Q 2	Q 3	Q 4				
<p>4) Number of field test conducted to test the effectiveness of early warning messages/forecasts in disaster preparedness and response by end users.</p> <p><i>Baseline:</i></p> <p>1) 0. 2) Low. 3) 0. 4) 0.</p> <p><i>Targets:</i></p> <p>1) 1 by the end of the project. 2) High by the end of the project. 3) 2 by the end of 2017. 4) 4 by the end of 2017.</p> <p>Output 2.2: Capacities of extension services and extension staff to employ DRR tools, practices and approaches in their daily work and to promote field implementation of DRR measures enhanced.</p> <p><i>Indicators:</i></p> <p>1) Number of baseline assessment conducted on extension systems and activities, and the current degree of DRR practice in agriculture. 2) The Level of capacity of extension staff of the MoA and other national</p>	<p>services tailored to end users.</p> <p>- Action 2.1.4: Field test early warning services disseminated to end users to validate their effectiveness for disaster preparedness in agriculture.</p> <p>Activity Result 2.2: Baseline assessment conducted, training convened, guidelines and manuals produced, and field demonstration exercises conducted.</p> <p>- Action 2.2.1: Conduct baseline assessment on extension systems and activities, and the current degree of DRR practice in agriculture. - Action 2.2.2: Conduct training of extension staff in DRR/DRM concepts and</p>								
					UNDP/FAO	Goj	71600 - Travel	8,000.00	
							72300 - Materials & Goods	18,000.00	
							74500 - Miscellaneous	1,000.00	
							74200 - Audio Visual & Print Prod Costs	1,000.00	
							75700 - Training, Workshops and conferences	5,000.00	

EXPECTED CP OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activities results and associated actions	Timeframe				IP/Responsible party	Planned Budget	
		Q 1	Q 2	Q 3	Q 4		Funding Source	Budget Description
<p>institutions enhanced in DRR/DRM concepts and operational aspects: Low, Medium, High³</p> <p>3) Number of guidelines and training manuals produced and disseminated for extension officers.</p> <p>4) Number of field demonstration exercise conducted.</p> <p>1) Number of mock drill/ field simulation exercise conducted in preparedness and response in the agriculture sector.</p> <p>Baseline:</p> <p>1) 0.</p> <p>2) Low.</p> <p>3) 0.</p> <p>4) 0.</p> <p>Targets:</p> <p>1) High by the end of 2017.</p> <p>2) 1 by the end of 2017,</p> <p>3) 1 Guideline and training manual each for respective extension agencies (NAREI, GLDA, GRDB, Fisheries Department) prepared by the end of 2017.</p> <p>4) 4 by the end of 2017.</p> <p>5) 4 by the end of 2017.</p>	<p>operational aspects in the agriculture sector.</p> <p>- Action 2.2.3: Produce guidelines and training manuals for extension officers on DRR tools, climate smart agricultural practices and approaches.</p> <p>- Action 2.2.4: Conduct field training demonstrations on the promotion of DRR.</p> <p>- Action 2.2.5 Conduct mock drill/ field simulation exercise in preparedness and response in the agriculture sector.</p>							

³ The definition of the level of capacities refers to the percentage of understanding of the targeted national agencies (training participants) in DRR/DRM concepts and operational aspects of natural hazards, risk prevention, mitigation and preparedness measures in the agriculture sector. Low = 0-29% of the participants understand the concept; Medium = 30-59%; and, High = 60% or higher.

EXPECTED CP OUTPUTS <i>And baseline, indicators including annual targets</i>	PLANNED ACTIVITIES <i>List activities results and associated actions</i>	Timeframe				IP/Responsible party	Funding Source	Planned Budget Budget Description	Amount
		Q 1	Q 2	Q 3	Q 4				
<p>Output 2.3:</p> <p>Technical capacity in Damage Assessment and Needs Analysis (DANA) and Livelihood Assessment (including Livestock Emergency Guidelines and Standards – LEGS) strengthened in the agriculture sector.</p> <p><i>Indicators:</i></p> <p>1) Number of reports on reviewing existing damage and needs assessment methodology from an agriculture sector perspective.</p> <p>2) Number of livestock extension officers trained as trainer of trainers on the implementation of the Livestock Emergency Guidelines and Standards (LEGS).</p> <p>3) Number of training sessions conducted to enhance institutional capacities to conduct DANA and Livelihood Assessment.</p> <p><i>Baseline:</i></p> <p>1) 0.</p> <p>2) 0.</p> <p>3) 0.</p> <p><i>Targets:</i></p> <p>1) 1 by 2017.</p> <p>2) 20 by the end of 2017.</p> <p>3) 2 by the end of the project.</p>	<p>Activity Result 2.3:</p> <p>DANA methodology reviewed, training convened, institutional and technical capacities strengthened to implement timely and accurate DANA and Livelihood Assessment in the agriculture sectors.</p> <p>- Action 2.3.1: Review the existing damage and needs assessment methodology used in Guyana from an agriculture sector perspective</p> <p>- Action 2.3.2: Conduct training workshop on the implementation of Livestock Emergency Guidelines and Standards (LEGS).</p> <p>- Action 2.3.3: Convene training workshop to enhance institutional capacities to undertake timely and accurate DANA and Livelihood Assessment in the agriculture sectors.</p>					GoJ	71600 – Travel 74200 – Audio Visual & Print Prod Costs 75700 - Training, Workshops and conferences	4,000.00 1,000.00 2,000.00	
TOTAL OUTCOME 2								61,000.00	

EXPECTED CP OUTPUTS <i>And baseline, indicators including annual targets</i>	PLANNED ACTIVITIES <i>List activities results and associated actions</i>	Timeframe				IP/Responsible party	Funding Source	Planned Budget Budget Description	Amount
		Q 1	Q 2	Q 3	Q 4				
<p>Output 3.1: Use and access of climate information and early warning messages tailored to the needs of farmers, livestock holders and fisherfolks enhanced.</p> <p><i>Indicators:</i></p> <p>1) Number of Baseline assessment supported to evaluate the use and access of climate information and early warning messages by farming communities.</p> <p>2) Number of Community-based EWSS installed and produced in four communities.</p> <p>3) Number of farmers, livestock holders and fisherfolks participated in the capacity building workshops.</p> <p><i>Baseline:</i></p> <p>1) 0. 2) 0. 3) 0.</p> <p><i>Targets:</i></p> <p>1) 1 by the end of 2017. 2) 2 by the end of the project. 3) 50 by the end of 2017.</p>	<p>Activity Result 3.1: <i>Baseline needs assessment conducted, community based early warning systems developed and workshops conducted on farmers to promote capacity on the use and access of the available information.</i></p> <p>- Action 3.1.1: Conduct baseline needs assessment on use and access of climate information and early warning messages by farming communities.</p> <p>- Action 3.1.2: Develop community based Early Warning Systems.</p> <p>- Action 3.1.3: Conduct capacity building workshops on the access, interpretation, and use of the climate information and early warning messages/forecasts.</p>					GoJ	71300 - Local consultants 71600 -- Travel 74200 -- Audio Visual & Print Prod Costs 72300 -- Materials & Goods 75700 - Training, Workshops and conferences 74500 -- Miscellaneous	6,000.00 8,000.00 1,000.00 10,000.00 2,000.00 1,000.00	

EXPECTED CP OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activities results and associated actions	Timeframe				IP/Responsible party	Funding Source	Planned Budget Budget Description	Amount
		Q 1	Q 2	Q 3	Q 4				
<p>Output 3.2:</p> <p>Climate smart agriculture skills and DRR best practices and approaches enhanced among agricultural communities.</p> <p><i>Indicators:</i></p> <p>1) Number of training workshops on DRR concepts, and climate smart agricultural practices conducted.</p> <p>2) Number of Demonstration sites for pilot testing climate smart agricultural practices and DRR practices.</p> <p>3) Number of training of farmers, livestock holders and fisherfolks conducted by trained extension officers (Activity 2.2.3).</p> <p>4) Number of field days conducted by each pilot community.</p> <p><i>Baseline:</i></p> <p>1) 0.</p> <p>2) 0.</p> <p>3) 0.</p> <p>4) 0.</p> <p><i>Targets:</i></p> <p>1) 4 by end of the project.</p> <p>2) 4 by the end of the project.</p> <p>3) 4 by end of the project.</p> <p>4) 4 by end of the project.</p>	<p>Activity Result 3.2:</p> <p><i>Training conducted, demonstration sites identified and training conducted for farmers by extension officer on climate smart agriculture approaches and DRR best practices</i></p> <p>- Action 3.2.1: Convene training workshops by trained extension officers (in Activity 2.2.2) on DRR concepts, climate smart agriculture practices for farmers, livestock holders and fisherfolks.</p> <p>- Action 3.2.2: Identify and establish demonstration sites by trained extension officers (in Activity 2.2.4).</p> <p>- Action 3.2.3: Conduct training of farmers, livestock holders and fisherfolks by trained extension officers (Activity 2.2.3).</p> <p>- Action 3.2.4: Conduct field days in each pilot community share their experiences, recommendations and lessons learnt among farming communities.</p>					UNDP/FAO	GoJ	72100 – Contractual Services- Companies 71600 – Travel 74200 – Audio Visual & Print Prod Costs 75700 – Training, Workshops and conferences 72300 – Materials & Goods 75700 – Training, Workshops and conferences	20,000.00 7,000.00 800.00 4,000.00 20,000.00 4,000.00
TOTAL OUTCOME 3								83,800.00	

EXPECTED CP OUTPUTS And baseline, indicators including annual targets	PLANNED ACTIVITIES List activities, results and associated actions	Timeframe				IP/Responsible party	Funding Source	Planned Budget	
		Q 1	Q 2	Q 3	Q 4			Budget Description	Amount
Project Management	Project Management: Project is coordinated throughout the implementation period by a project management team Activity 5.1.1: Training conducted for a project management team to understand the project Activity 5.1.2: Project is coordinated by a project management team, delivering Activity results 1.1.1 to 4.1.4					UNDP/FAO	GoJ	71400 – Contractual Services – Individ	17,383.00
								72500 – Supplies	3,000.00
								72200 – Equipment and Furniture	4,000.00
								75700 – Training, Workshops and conferences	500.00
								74100 Audit	4,000.00
								74200 – Audio Visual & Print Prod Costs	2,500.00
								74500 – Miscellaneous	500.00
								74500 – DPC GOE	1,500.00
				64300 – DPC Staff	3,500.00				
TOTAL PROJECT MANAGEMENT								36,883.00	
TOTAL OUTCOME COSTS								191,083.00	
GMS 8%								15,286.64	
TOTAL PROJECT COSTS								206,369.64	