

Work Plan (January 2019 - June 2020) UN support to Sustainable Development [Outcome 4]


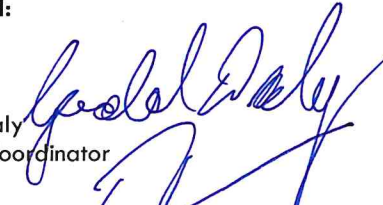
UNSDPF

Outcome: By 2023, Bhutan's communities and its economy are more resilient to climate—induced and other disaster and biodiversity loss as well as economic vulnerability

Output (s): **4.1:** Inclusive, risk-Informed system and capacities in place to enable people to benefit from conservation and sustainable management of natural resources, and reduced environmental and health risk; **4.2:** National policies foster innovative financing, and inclusive business environment and improved livelihoods through climate resilient and nature based solution including the productivity of agriculture; **4.3:** Greenhouse gas emission managed in selected sectors &; **4.4:** Improved capacities to prepare for an respond to disaster

NARRATIVE

1. The outcome aims to the work plan aims to: **a)** support integrated landscape management to enhance resilience to climate change impact; **b)** put in place that foster innovative financing and value added nature—based solutions; **c)** support mitigation of green house gas emission and; **d)** support to enhance the capacity to respond to disaster
2. In collaboration with implementing partners (IP) and UN agencies, the Gross National Happiness Commission coordinates the overall Work Plan implementation and progress review through quarterly, mid-year and annual review meetings. The IP is responsible for ensuring the achievement of work plan results through day-to-day management, implementation, monitoring of the activities, proper use of funds and submission of quarterly financial and standard progress reports. The UN agencies are responsible for monitoring, timely release of funds, and technical support to implementation.
3. The partners adopt HACT procedures for fund request, release and reporting. Quarterly Direct Cash Transfer modality is applied and Reimbursements or Direct Payment when necessary with prior agreement between all the parties. Assurance activities such as joint field monitoring, on-site reviews and scheduled audits will be conducted after agreement with the GNH Com-

<p>Programme Period: 2019-2020 Duration: 18 Months</p>	<p>Estimated 18 months Budget: USD 9,950,384.00</p> <p style="text-align: right;">2019: USD 5,471,877 2020: USD 4,478,507.00</p> <p>Allocated resources:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 10%;"></th> <th style="width: 10%;"></th> <th style="width: 15%; text-align: center;">2019</th> <th style="width: 15%; text-align: center;">2020</th> </tr> </thead> <tbody> <tr> <td>▶ FAO</td> <td>USD</td> <td></td> <td style="text-align: right;">686,810.00</td> <td style="text-align: right;">291,056.00</td> </tr> <tr> <td>▶ UNDP</td> <td>USD</td> <td></td> <td style="text-align: right;">4,503,867.00</td> <td style="text-align: right;">4,187,451.00</td> </tr> <tr> <td>▶ UNICEF</td> <td>USD</td> <td></td> <td style="text-align: right;">93,000.00</td> <td style="text-align: right;">0.00</td> </tr> <tr> <td>▶ WFP</td> <td>USD</td> <td></td> <td style="text-align: right;">188,200.00</td> <td style="text-align: right;">0.00</td> </tr> </tbody> </table>				2019	2020	▶ FAO	USD		686,810.00	291,056.00	▶ UNDP	USD		4,503,867.00	4,187,451.00	▶ UNICEF	USD		93,000.00	0.00	▶ WFP	USD		188,200.00	0.00
			2019	2020																						
▶ FAO	USD		686,810.00	291,056.00																						
▶ UNDP	USD		4,503,867.00	4,187,451.00																						
▶ UNICEF	USD		93,000.00	0.00																						
▶ WFP	USD		188,200.00	0.00																						
<p>Agreed by the Royal Government of Bhutan:</p> <div style="text-align: center; margin-top: 10px;">  </div> <p>Mr. Thinley Namgyel Secretary, GNH Commission Date:</p>	<p>Agreed by UN:</p> <div style="text-align: center; margin-top: 10px;">  </div> <p>Mr. Gerald Daly UN Resident Coordinator Date: 13/2/19</p>																									

Work Plan (January 2019 - June 2020)

Agreed by Implementing Partners:

UN/ICMP.
✓ Secretary
Ministry of Agriculture and Forests
Date:

Umesh Chandra
✓ Secretary
National Environment Commission
Date:

Binu
✓ Secretary,
Ministry of Works and Human Settlement
Date:

raj-r.
✓ Secretary
Ministry of Information and Communica-
tion
Date:

[Signature]
Secretary
Ministry of Home and Cultural Affairs
Date:

Agreed by UN Agencies:

Juergen Nagler
Mr. Juergen Nagler
Resident Representative, UNDP
Date: *1. Feb. 2019*

Rudolf Schwenk
Mr. Rudolf Schwenk
Representative, UNICEF
Date: *11/2/2019*

G. Darcy
[Signature]
Shante Helms
Mr. Svante Helms
Head of Office, WFP
Date: *4. Feb. 2019*

13/2/19
Somsak B.
Mr. Somsak Pipoppinyo
FAO Representative for Nepal
and Bhutan

Annual Work Plan (January 2019 - June 2020)
Outcome Group 4

One Programme OUTPUT	PLANNED ACTIVITIES List all activities including M&E to be undertaken	Type of Intervention	2019		2020		RESPONSIBLE PARTY		PLANNED BUDGET				Total		
			Q1	Q2	Q3	Q4	Q1	Q2	Implementing Partner	UN	Source of Funds	Budget Description		2019 (Q1 - Q4) (1)	2020 (Q1 & Q2)
Output 4.1.: Inclusive, risk-informed systems and capacities in place to enable people to benefit from conservation and sustainable management of natural resources, and reduced environmental and health risks															
4.1.1	Strengthen policy and planning frameworks and institutional capacity for integrated landscape management and climate change resilience within key national agencies	EE + SD	X	X	X	X	X	X	PPD/MoAF	UNDP	GEF - NAPA III	Cash	72,400.00	25,000.00	97,400.00
4.1.2	Strengthen monitoring systems for forest condition, biodiversity status and carbon stocks in DoFPS	EE + CD	X	X	X	X	X		DoFPS/MoAF	UNDP	GEF - NAPA III	Cash	74,000.00	35,253.00	109,253.00
4.1.3	Develop Sustainable financing system for biological corridor and PA system and sector-oriented valuation policy and tools to measure ecosystem services benefits	EE + SD			X	X	X	X	PMU & MoAF	UNDP	GEF - NAPA III	Cash	-	50,000.00	50,000.00
4.1.4	Strengthen national systemic and institutional capacity for management of the biological corridor and PA system	EE + SD	X	X	X	X	X	X	DoFPS/MoAF	UNDP	GEF - NAPA III	Cash	13,000.00	17,000.00	30,000.00
4.1.5	Support Planning and monitoring capacity for sustainable forest management in FMUs and LFMPs	EE + SD	X	X	X	X	X	X	DoFPS/MoAF	UNDP	GEF - NAPA III	Cash	83,125.00	0.00	83,125.00
4.1.6	Strengthen Institutional mechanisms and tools for integration of Climate Change Adaptation (CCA) and environmental sustainability needs in local development planning system at dzongkhag and gewog levels.	EE + SD	X	X	X	X	X	X	PMU/GNHC	UNDP	GEF - NAPA III	Cash	-	45,000.00	45,000.00
4.1.7	Conservation management plans integrating CCA needs are put in place for the four BCs in the target project landscapes	EE + SD	X	X	X	X			DoFPS/MoAF	UNDP	GEF - NAPA III	Cash	110,185.00	7,189.00	117,374.00
4.1.8	Operationalize the governance and management effectiveness for the targeted biological corridors, including strengthening personnel capacity and sustainable financing	EE + SD	X	X			X	X	DoFPS/MoAF	UNDP	GEF - NAPA III	Cash	7,500.00	65,000.00	72,500.00
4.1.9	Law enforcement and biological monitoring capacity increased for key ecosystems for threatened species in the target BCs and adjoining PAs	EE + SD			X	X	X	X	DoFPS/MoAF	UNDP	GEF - NAPA III	Cash	70,143.00	15,000.00	85,143.00
4.1.10	Sustainable human wildlife conflict response strategies developed and systems strengthened through innovative mechanisms based on global best practices in the target BCs and adjunct PAs	EE + SD	X	X	X	X	X	X	DoFPS/MoAF	UNDP	GEF - NAPA III	Cash	36,440.00	50,000.00	86,440.00
4.1.11	Impart training on new irrigation technology	SD + CD	X	X	X	X	X	X	DoA/MoAF	FAO	UTF/BHU/013/BHU	Cash/TA	31,020.00	17,680.00	48,700.00
4.1.12	Support Animal Nutrition Lab (ANL) at the National Research Centre for Animal Nutrition for feed and fodder analysis	SD + CD	X	X	X	X	X	X	DoL/MoAF	FAO	TCP/BHU/3704	Cash/TA	150,000.00	50,000.00	200,000.00
4.1.13	Strengthen Soil Laboratory facilities and performance to support evidence-based decision making	SD + CD	X	X	X	X	X	X	DoA/MoAF	FAO	TCP/BHU/3703	Cash/TA	100,000.00	25,000.00	125,000.00
4.1.14	Upgrade DAMC MIS systems improved	SD + CD	X	X	X	X	X	X	DoA/MoAF	FAO	UTF/BHU/013/BHU	Cash/TA	15,840.00	15,840.00	31,680.00
Sub-total													763,653.00	417,962.00	1,181,615.00
Output 4.2.: National policies foster innovative financing, an inclusive business environment and improved livelihoods through climate resilient and nature-based solutions															

Annual Work Plan (January 2019 - June 2020)
Outcome Group 4

One Programme OUTPUT	PLANNED ACTIVITIES List all activities including M&E to be undertaken	Type of Intervention	2019				2020		RESPONSIBLE PARTY		PLANNED BUDGET				Total
			Q1	Q2	Q3	Q4	Q1	Q2	Implementing Partner	UN	Source of Funds	Budget Description	2019 (Q1 - Q4) (1)	2020 (Q1 & Q2)	
4.2.1	Policy Support for low emission transport	EE + SD + CD	X	X	X	X	X		MoIC	UNDP	GEF Trust Fund	Cash	37,000.00	52,000.00	89,000.00
4.2.2	Strengthen climate resilience and productivity of agricultural and livestock management	EE + SD + CD	X	X	X	X	X	X	MoAF & Dzongkhags	UNDP	GEF - NAPA III	Cash	472,448.00	169,172.00	641,620.00
4.2.3	Improve, diversify and enhance Community livelihoods and sources of income in the target landscapes	EE + SD + CD	X	X	X	X	X	X	MoAF & Dzongkhags	UNDP	GEF - NAPA III	Cash	245,175.00	109,586.00	354,761.00
4.2.4	Demonstrate transformation of market access for selected rural communities to enhance their climate resilience	EE + SD + CD	X	X	X	X	X	X	MoWHS, MoAF & Dzongkhags	UNDP	GEF - NAPA III	Cash	505,440.00	249,541.00	754,981.00
4.2.5	Support construction and retrofitting of climate resilient irrigation system	EE + SD + CD	X	X	X	X	X	X	MoAF & Dzongkhags	UNDP	GCF - Climate Smart Agriculture	Cash	200,000.00	1,500,000.00	1,700,000.00
4.2.6	Support medium to long term adaptation planning	EE + SD + CD	X	X	X	X	X	X	NEC	UNDP	GCF - NAP	TA	660,526.00	1,000,000.00	1,660,526.00
4.2.7	Integrated governance enhanced to deliver NDC outcomes	EE + CD	X	X	X	X	X	X	NEC, NCWC, UNDP	UNDP	EU/BMU/BMG/AECID (Gender NDC)	Cash	48,000.00	15,000.00	63,000.00
4.2.8	Capacities developed to design climate friendly investment opportunities	EE + SD + CD	X	X	X	X	X	X	NEC/UNDP	UNDP	EU/BMU/BMG/AECID (Gender NDC)	Cash	50,000.00	25,000.00	75,000.00
4.2.9	Enabling environment for private sector development	EE + SD + CD	X	X	X	X	X	X	NEC/NCWC	UNDP	EU/BMU/BMG/AECID (Gender NDC)	Cash	35,000.00	17,500.00	52,500.00
4.2.10	Country Strategy to implement biodiversity finance solutions	EE + CD	X	X	X	X	X	X	GNHC/MOF/MOAF	UNDP	BIOFIN	TA	35,000.00	15,000.00	50,000.00
4.2.11	Implementation of selected financing proposals	EE + CD	X	X	X	X	X	X	UNDP/GNHC	UNDP	BIOFIN	TA	115,000.00	60,400.00	175,400.00
4.2.12	Sixth National Report and Roadmap for post-2020 NBSAP	EE + CD	X	X					NEC	UNDP	GEF	TA	52,540.00	-	52,540.00
4.2.13	Develop Behavioural Change Communication (BCC) strategy on nutrition and awareness materials.	EE + SD + CD	X	X	X	X	X	X	DoA/MoAF	FAO	UTF/BHU/013/BHU	Cash/TA	38,624.00	18,071.00	56,695.00
4.2.14	Promote Farmer groups and link them to schools nearby.	SD + CD	X	X	X	X	X	X	DoA/MoAF	FAO	UTF/BHU/013/BHU	Cash/TA	27,000.00	13,500.00	40,500.00
4.2.15	Promote Producers Groups formed and trained for value adding production	SD + CD	X	X	X	X	X	X	DoA/MoAF	FAO	UTF/BHU/013/BHU	Cash/TA	8,848.00	8,848.00	17,696.00
4.2.16	Train Farmers Groups in farm management system	SD + CD	X	X	X	X	X	X	DoA/MoAF	FAO	UTF/BHU/013/BHU	Cash/TA	5,340.00	-	5,340.00
4.2.17	Provide PIVU with critical technical expertise in support of smooth implementation of FSAPP and for overall capacity building of MoAF	EE + SD + CD	X	X	X	X	X	X	DoA/MoAF	FAO	UTF/BHU/013/BHU	TA	100,138.00	42,117.00	142,255.00
4.2.18	Support Rural Development Training Center with precision and protected farming technology	SD + CD	X	X	X	X	X	X	RDTIC/MoAF	FAO	TCP/BHU/3702	Cash/TA	150,000.00	100,000.00	250,000.00
4.2.19	Develop, finalize and implement Country Programme Framework (CPF) for 2019-2023	EE + SD	X	X	X	X	X	X	PPD/MoAF	FAO	TCP/BHU/3705/C2	Cash/TA	60,000.00	-	60,000.00
4.2.20	Capacity building of farmers in production planning, post-harvest techniques, farmer organization and business management	SD + CD	X	X	X	X			MoAF & Dzongkhags	WFP	OR	Cash/TA	33,000.00	-	33,000.00
Sub-total													2,879,079.00	3,395,735.00	6,274,814.00

Annual Work Plan (January 2019 - June 2020)
Outcome Group 4

One Programme OUTPUT	PLANNED ACTIVITIES List all activities including M&E to be undertaken	Type of Intervention	2019				2020		RESPONSIBLE PARTY		PLANNED BUDGET				Total
			Q1	Q2	Q3	Q4	Q1	Q2	Implementing Partner	UN	Source of Funds	Budget Description	2019 (Q1 - Q4) (1)	2020 (Q1 & Q2)	
Output 4.3.: Greenhouse gas emissions managed in selected sectors															
4.3.1	Awareness and Capacity building	SD + CD	X	X	X	X	X	X	MoIC	UNDP	GEF Trust Fund	Cash	47,000.00	36,000	83,000.00
4.3.2	Investment Supported for Low-Emission Transport Systems and other Services	EE + SD	X	X	X	X	X	X	MoIC	UNDP	GEF Trust Fund	Cash	905,525.00	310,000	1,215,525.00
4.3.3	Evidence based design and planning of mitigation options delivered	EE	x	x	x	x	x	x	NEC,NCWC, UNDP	UNDP	EU, BMU,BMG,AECD (Gender NDC)	Cash	200,000.00	93500	293,500.00
4.3.4	Incentive Mechanism for Replacement Support	EE	x	x	x	x	X	X	NEC	UNDP	MTF	Cash	15,000.00		15,000.00
Sub-total													1,167,525.00	439,500.00	1,607,025.00

Annual Work Plan (January 2019 - June 2020)
Outcome Group 4

One Programme OUTPUT	PLANNED ACTIVITIES List all activities including M&E to be undertaken	Type of Intervention	2019				2020		RESPONSIBLE PARTY		PLANNED BUDGET				Total	
			Q1	Q2	Q3	Q4	Q1	Q2	Implementing Partner	UN	Source of Funds	Budget Description	2019 (Q1 - Q4) (1)	2020 (Q1 & Q2)		
Output 4.4.: Improved capacities to prepare for and respond to disasters																
4.4.1	Carry out field survey to collect data of existing housing stock in two districts	CD	X	X						MoWHS/DES	UNDP	USAID	Cash	50,000.00	-	50,000.00
4.4.2	Carry out vulnerability assessment of typical buildings	CD		X	X					MoWHS/DES	UNDP	USAID	Cash	-	-	-
4.4.3	Using the vulnerability assessment for the pilot district, carry out risk assessment and projections including procurement of software for risk analysis and capacity building of core technical	CD		X	X					MoWHS/DES	UNDP	USAID	Cash	55,000.00	-	55,000.00
4.4.4	Conduct training of village artisans on resilient construction practices	CD			X	X				MoWHS/DES	UNDP	USAID	Cash	15,000.00	-	15,000.00
4.4.5	Identify risk reduction options based on vulnerability and risk assessment and recommend options for medium and long term adoption	CD					X	X		MoWHS/DES	UNDP	USAID	Cash	2,500.00	5,000.00	7,500.00
4.4.6	Pilot risk reduction options for resilient construction including for development of building codes in rural houses	CD						X		MoWHS/DES	UNDP	USAID	Cash	-	19,900.00	19,900.00
4.4.7	Map the housing data in line with the building classification system developed by EARRD. (Centralized building inventory system)	CD					X	X		MoWHS/DES	UNDP	USAID	Cash	-	10,000.00	10,000.00
4.4.8	Support to early recovery and shelter plan	CD		X	X	X	X	X		DDM/MoCHA	UNDP	RR	TA	25,000.00	25,000.00	50,000.00
4.4.9	Road Map for disaster management	EE	X	X	X	X				MoHCA/DDM	WFP	OR	TA	70,200.00	-	70,200.00
4.4.10	Emergency Logistics Training (MSU, Overall Coordination)	CD		X	X					MoHCA/DDM	WFP	OR	Cash/TA	10,000.00	-	10,000.00
4.4.11	Humanitarian Logistics Infrastructure needs assessment	CD		X	X	X				MoHCA/DDM	WFP	OR	TA	30,000.00	-	30,000.00
4.4.12	Capacity building and advocacy in EPR	CD	X	X	X	X				MoHCA/DDM	WFP	OR	Cash/TA	15,000.00	-	15,000.00
4.4.13	Strengthen Coordination and Capacity of CSO/NGOs.	CD			X	X				MoHCA/DDM	WFP	OR	TA	15,000.00	-	15,000.00
4.4.14	EQ modelling	EE	X	X	X	X				MoHCA/DDM	WFP	OR	TA	15,000.00	-	15,000.00
4.4.15	Support basic book keeping training to focal persons on logistic management of emergency preparedness supplies.	EE		x	x					DDM/MoCHA	UNICEF	OR	Cash	10,000.00	-	10,000.00
4.4.16	Mock exercise on how to use the prepositioned emergency supplies and annual Updation of the supplies	EE + SD			X	X				DDM/MoCHA	UNICEF	OR	Cash	10,000.00	-	10,000.00
4.4.17	Institutional capacity building for Disaster Management Unit (training of focal point on DRM at ADPC-Bangkok)	CD			X					SPCD/DSE	UNICEF	OR	Cash	8,000.00	-	8,000.00
4.4.18	Testing of Education Emergency Operation Centre through a simulation exercises	EE + CD			X					SPCD/DSE	UNICEF	OR	Unfunded	10,000.00	-	10,000.00
4.4.19	DRR in Education Curriculum in collaboration with Royal Education Council	EE + SD			X	X	X	X		SPCD/DSE	UNICEF	OR	Unfunded	30,000.00	-	30,000.00
4.4.20	Conduct training on Education in Emergency training for ECCD facilitators	CD				X	X	X		SPCD/DSE	UNICEF	OR	Unfunded	25,000.00	-	25,000.00
Sub-total														395,700.00	59,900.00	455,600.00

Annual Work Plan (January 2019 - June 2020)
Outcome Group 4

One Programme OUTPUT	PLANNED ACTIVITIES List all activities including M&E to be undertaken	Type of Intervention	2019				2020		RESPONSIBLE PARTY		PLANNED BUDGET					
			Q1	Q2	Q3	Q4	Q1	Q2	Implementing Partner	UN	Source of Funds	Budget Description	2019 (Q1 - Q4) (1)	2020 (Q1 & Q2)	Total	
Assurance																
1. UNDP - GEF Low Emission Transport Project	Project Management and Assurance of Low Emission Transport Project	EE + SD	X	X	X	X	X	X	MoIC	UNDP	GEF Trust Fund	Cash/TA	33,300.00	18,900.00	52,200.00	
											RR	TA	5,000.00	2,000.00	7,000.00	
	GCF project development oversight	EE + SD	X	X	X	X	X	X	GNHC	UNDP	RR	TA	10,000.00		10,000.00	
2. UNDP - Capacity building in disaster resilient construction											USAID	Cash/TA	7,000.00	8,000.00	15,000.00	
	Project management and assurance	EE + SD	X	X	X	X	X	X	MoWHS/DES	UNDP	RR	TA	5,000.00	2,000.00	7,000.00	
3. UNDP - GEF NAPA III	Institutionalized knowledge for ILM and Climate Change Resilience	EE + SD	X	X	X	X	X	X	PMU/GNHC	UNDP	GEF - NAPA III	Cash/TA	32,605.00	13,935.00	46,540.00	
	Enhanced generation, documentation and sharing of knowledge and best practices in ILM and climate resilient livelihood practices	EE + SD			X	X	X	X	PMU/GNHC	UNDP	GEF - NAPA III	Cash/TA	21,000.00	21,000.00	42,000.00	
	Project monitoring and evaluation system in place and used to inform project management decision-making	EE + SD	X	X					PMU/GNHC	UNDP	GEF - NAPA III	Cash/TA	18,000.00	-	18,000.00	
	Project Management & Assurance	EE + SD	X	X	X	X	X	X	PMU/GNHC	UNDP	GEF - NAPA III	Cash/TA	110,015.00	57,525.00	167,540.00	
4. Gender NDC	Project management and assurance	EE + SD	X	X	X	X	X	X	PMU/UNDP	UNDP	EU/BMU/BMG/AECID (Gender NDC)	Cash/TA	37,500.00	21,250.00	58,750.00	
									UNDP	UNDP	RR	TA	5,000.00	2,000.00	7,000.00	
5. BIOFIN Project Management and Communications	Project Management and communications	SD + CD	X	X	X	X	X	X	GNHC	UNDP	BIOFIN	TA	31,500.00	16,800.00	48,300.00	
Sub-total												320,920.00	165,410.00	486,330.00		
Total												5,526,877.00	4,478,507.00	10,005,384.00		
												FAO	686,810.00	291,056.00	977,866.00	
												UNDP	4,558,867.00	4,187,451.00	8,746,318.00	
												UNICEF	93,000.00	-	93,000.00	
												WFP	188,200.00	-	188,200.00	