

**QUARTERLY PHYSICAL REPORT OF OPERATION
MARCH**

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS	
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
A.III.d.1 Ecosystems Research and Development Service														
I. General Administration and Support Services (GASS)														
A. General Management and Supervision														
Administrative, Finance, and Management activities/requirements, and submissions	Financial reports submitted (no.) (annual, quarterly, and monthly)	12	12	12	13	49	12					12.00	37.00	
	Annual Procurement Plan prepared and submitted (no.)				1	1								
	ERDB building and facilities maintained (no.)	7	7	7	7	7	7					7.00	0.00	
	Records of ERDB Personnel Updated and Maintained (no.)	320	320	320	320	320	320					320.00	0.00	
	Service vehicles maintained (no.)	45	45	45	45	45	45					45.00	0.00	
	Administrative, Finance, and Management meetings conducted/attended (no.)	6	6	6	6	24	13					13.00	11.00	1. HRMPSB Deliberation (Jan 5, 8, 12, & 22) 2. Quality Management System (QMS) Jan 6, 7,15, & 19) 3. 1st Legislative Meeting for 2021/Urgent Priority Bills and Others (Jan 6) 4. Meeting with Usec Teh re: ERDB Master Plan (Feb 24, 2021) 5. Research Center meetings (Feb 11, 2021) 6. ExeCom meetings (Feb 15) 7. BAC pre-bidding meeting (Feb 24) 8. PTWG For Forestry Sector (March 10) 9. QMS Core Meeting (March 15) 10. BAC Related Meetings (March 9 & 11) 11. HRMPSB meetings/deliberation (March 15, 23) 12. PMT and Sub-CMT meetings (March 23) 13. Levelling off meeting for ERDB's Health & Safety Officers (March 24)

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
	Vacant positions/plantilla filled-up (percentage)	100%	100%	100%	100%	100%	100%				1.00	0.00	Vacant positions under 2 Divisions (UERD & TTD) and 1 Research Center (WWRRDEC) were processed and deliberated
													HRMPSB meetings (Feb 1, 5, 8, and 16) panel interview for items under CZFERD, UBRDEC, ARDEC, FWRDEC, & CRERDEC
													HRMPSB deliberation (March 15) for 2 vacant positions under ARDEC.
Attendance to global fora in line with the country's/agency's commitments to various multilateral environmental agreements	Meetings/fora/symposia/conferences attended/participated (no.)	var.	var.	var.	var.	2	2				2.00	0.00	1. Subregion Parallel Sessions (SA, TEA, and the Pacific APN) via zoom on Feb 5, 2021 2. 14th Scientific Planning Group Pre-meeting APN on Feb 8, 2021
	Membership to scientific and technical committees/organizations participated (no.)	var.	var.	var.	var.	1	1				1.00	0.00	1. Asia Pacific Network (APN) 44th Steering Committee Meeting (February 8, 2021)
Fixed Expenditures/Mandatories													
RLIP													
B. Human Resource Development	Trainings conducted (no.)		3	3		6	2				2.00	4.00	Orientation on Withholding Tax (Feb 10, 2021) Orientation Webinar for all ERDB Employees March 26, 2021.
	Personnel developed based on the Individual Development Plan (IDP) (no.)			4	3	7	0				0.00	7.00	
RLIP													
C. Administration of Personnel Benefits	Terminal leave benefits processed no. of personnel		3	1	11	15	0				0.00	15.00	
II. Support to Operations (STO)													
A. Data Management including Systems Development and Maintenance													
1. Generate and update RDE databases, information/technologies and statistics	ENR-RDE Information systems developed/enhanced (no.)	4	4	4	4	4	4				4.00	0.00	
	ICT equipment procured and maintained (no.)	var	var	var	var	var	var						
2. Updating, maintenance and management websites and LAN	Website updated/maintained (no.)	1	1	1	1	1	1				1.00	0.00	
	Internet connection via DSL maintained (no.)	1	1	1	1	1	1				1.00	0.00	
3. Review and validation of reports on	Sectoral statistics reviewed/	7		7		14	7				7.00	7.00	Submitted to PPS-PMED last 05 March 2021

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		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
ENR statistics	consolidated and validated (no.)													
	DENR Statistical Committee Meetings attended (no.)	var	var	var	var	var	var							
RLIP														
B. Production and Dissemination of Technical Popular Materials in the Conservation and Development of Natural Resources and Environmental Education, including an Encyclopedia on Biodiversity														
1. Packaging and publication of ENR generated technologies/information (technical and popular publications)	ENR technical and popular materials packaged and produced (no.)													
	- Canopy International (no. of issues)		1		1	2	0				0.00	2.00		
	- Sylvatrop (no. of issues)			1	1	2	0				0.00	2.00		
	- RISE (no. of new issues)		1		1	2	0				0.00	2.00		
	- RISE (no. of copies)	150	150	150	150	600	0				0.00	600.00		
	- ERDB Infojournal articles edited and layouted (no.)	2	2	2	2	8	2				2.00	6.00		
	- ERDB Annual Report 2020 produced (no. of copies)		150			150	0				0.00	150.00		
	Audio Visual Services provided (no. of major activities documented)	2	2	2	2	8	2				2.00	6.00		
	Annual Technical Seminar (ATS) conducted (no.)		1			1	0				0.00	1.00		
	Knowledge Products mailed to regular subscribers (no.)	300	300	300	300	1200	1481				1481.00	-281.00		
	Knowledge Products distributed to walk-in clients (no.)	200	200	200	200	800	43				43.00	757.00		
2. Maintenance of ENR Library	ENR Library maintained (no.)	1	1	1	1	1	1				1.00	0.00		
RLIP														
C. Legal Services including Operations Against Unlawful Titling of Public Land														
1. Review of MOAs/MOUs	MOAs/MOUs reviewed (no.)	6	7	7	5	25	17				17.00	8.00	1. MOA between ERDB and BSU 2. MOA between ERDB and La Paz 3. MOA Between ERDB and Bell Petron 4. Contract of Service BSU 5. MOA among ERDB; Municipal Gov't of La Trinidad Benguet; Benguet State University 6. MOA between ERDB and Baguio City 7. CarCap 8. MOA between ERDB and Baguio City 9. MOA EBSCOHOST 10. MOA for the NILAD Project	

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		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
														11. LOA for FWRDEC
														12. MOA between ERDB and Gavrilo Security Services
														13. MOA between ERDB and DAP
														14. MOA with Roman Catholic Archdiocese of Cebu
														15. MOA between ERDB, DENR Region 7 and LGU Oslob, Cebu
RLIP														
D. Formulation and Monitoring of ENR Sector Policies, Plans, Programs and Projects														
1. Conduct of planning and reprogramming workshop with DENR Central Office, Research Centers and other sectors/bureaus	ERDB Budget Proposal FY 2022 prepared (no.)		1			1	1					1.00	0.00	
	ERDB Work & Financial Plan for FY 2022 prepared (no.)				1	1	0					0.00	1.00	
	Planning & programming workshop/meetings attended (no.)	2	3	3	2	10	4					4.00	6.00	1. eNGP Reprogramming (15 Jan 2021) 2. Online Consultation Workshop to review and update the FY 2022 UWM 3. DENR Sectoral Conference FY 2021 4. Direction/Consultative meetings with FMB and BMB
	Conduct of Research Sector Management Conference/consultation workshops/strategic planning/meetings (no.)	1	1	1	1	4	1					1.00	3.00	1. 1st ERDB Management Conference held last 16-17 March 2021 via Zoom
2. Conduct of Annual In-House Review of completed and ongoing RDE programs/projects	Annual in-house review of completed and ongoing RDE programs/projects conducted (no.)				1	1						0.00	1.00	
3. Submission of Accomplishment Reports	Physical and Financial Accomplishment reports (ParFar) submitted (no.)	2	3	3	4	12	3					3.00	9.00	Submitted the Parfar report for the months of December 2020 and January
	Quarterly Accomplishment reports submitted		1	1	2	4	1					1.00	3.00	Submitted the 4th quarterly report for 2020
	Annual Report submitted (no.)	1				1	1					1.00	0.00	
4. Provision legislative assistance to Congress	Assistance provided to Congress (no.)	var	var	var	var	var	var							
5. Formulation of RDE Program on Climate Change	RDE Program formulated (no.)				1	1	0					0.00	1.00	
6. Review/Revision/Submission of draft policy	Policies recommended based on - Research projects (no.)				2 1	2 1	0					0.00 0.00	2.00 1.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
	- Management instructions (no.)				1	1					0.00	1.00	
<i>RLIP</i>													
E. Ecosystems Research, Development and Extension Services													
E.1. ERDB Main Office													
E.1.a. Formulation, Coordination, and Monitoring of RDE programs/projects/studies on Forest Ecosystem													
1. Formulation of Research Directions on Forest Ecosystem for RDE Centers	RDE proposals/projects/outputs on Forest Ecosystem reviewed and evaluated (no.)	4	4	4	4	16	4				4.00	12.00	
	RDE project proposals endorsed for approval (no.)				3	3					0.00	3.00	
2. Research Gap Analysis on Forest Ecosystem	Meetings with other Bureaus/ Offices conducted/attended (no.)	5	5	8	7	25	22				22.00	3.00	
	Draft RDE agenda on forest ecosystem for FY 2023-2028 prepared (no.)				1	1					0.00	1.00	
3. Provision of technical assistance related to Forest Ecosystems	Technical assistance provided to various stakeholders (no.)	3	3	3	3	12	6				6.00	6.00	
E.1.b. Formulation, Coordination, and Monitoring of RDE programs/projects/studies on Coastal and Freshwater Ecosystems													
1. Formulation of Research Directions on Coastal and Freshwater Ecosystems for RDE Centers	RDE proposals/projects/outputs on Coastal and Freshwater Ecosystems reviewed and evaluated (no.)			12		12	2				2.00	10.00	
	RDE project proposals endorsed for approval (no.)				3	3					0.00	3.00	
2. Research Gap Analysis on Coastal and Freshwater Ecosystems	Meetings with other Bureaus/ Offices conducted/attended (no.)	2	2			4	2				2.00	2.00	Identification of topics on potential forum and workshop in relation to coastal & freshwater ecosystems
	Draft RDE agenda on coastal & freshwater ecosystems for FY 2023-2028 prepared (no.)				1	1					0.00	1.00	
3. Provision of technical assistance related to Coastal and Freshwater Ecosystems	Technical assistance provided to various stakeholders (no.)	10	10	10	10	40	12				12.00	28.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
E.1.c. Formulation, Coordination, and Monitoring of RDE programs/projects/ studies on Urban Ecosystem													
1. Formulation of Research Directions on Urban Ecosystem for RDE Centers	RDE proposals/projects/outputs on Urban Ecosystem reviewed and evaluated (no.)	5	5	5	5	20	8				8.00	12.00	Reviewed and evaluated the following research proposal and Terminal Reports: 1. Determination of Air Pollution Tolerant Index (APTI) and Heavy Metal Sorption capacity of Plants Used in Vertical/Urban Planting in Metro Manila 2. Development of LGU Managed Parks (Terminal Report) 3. Screening of Selected Bamboo Species Capable to Uptake Heavy Metal Pollutants from the Soil 4. Social Acceptability of the Floating Garden Project in Brgy. Pulang Lupa Uno, Las Piñas
	RDE project proposals endorsed for approval (no.)				3	3	2				2.00	1.00	
2. Research Gap Analysis on Urban Ecosystem	Meetings with other Bureaus/ Offices conducted/attended (no.)	3	3	4	4	14	6				6.00	8.00	<i>DENR, other Government offices, and Stakeholders</i> 1. Meeting with USEC Analiza Teh, ASEC Cora Davis, and Execom Member of ERDB 2. Levelling off Meeting with LGU-Coron, Region 4B, PENRO Palawan, and CENRO Coron 3. SEARCA Webinar titled "Jurisdiction Sustainability approach for Climate Change initiatives in the Forestry and Natural Resources Sector 4. Introduction to GAD Concepts and SOGIESC 5. Levelling off meeting with LGU Coron R4B, PENRO Palawan, and CENRO Coron 6. Webinar on Women's Role in Environment and Natural Resources-Friendly Livelihood
	Draft agenda on urban ecosystem for FY 2023-2028 (no.)				1	1					0.00	1.00	
3. Provision of technical assistance related to Urban Ecosystem	Technical assistance provided to various stakeholders (no.)	3	3	3	3	12	5				5.00	7.00	Provided technical assistance and inputs on the following: 1. Isolation and Purification of Philippine Common Viruses with Medical Importance and Pandemic Potential for Antigen-Antibody Studies (DOST-GIA NEP) 2. Lecture on Beyond Leisure and Recreation: The Importance of Urban Park Guidelines (Nayong Pilipino Foundation)

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS	
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
														3. Green Convergence to the Draft Nationally Determined Contribution (NDC)
														4. Acted as speaker for ASEAN Sustainable Discourse Series
E.1.d. Monitoring and Evaluation of RDE Programs/Projects/Studies' Implementation	RDE Programs/projects/studies monitored and evaluated (no.)	16	22	27	25	33	16					16.00	17.00	Table evaluation thru review of submitted monthly & quarterly reports.
E.1.e. Sustainability of Laboratory and Experimental/Demonstration Services in Support to RDE Programs, Activities and Projects of ERDB Proper and Research Centers														
Project 1. Quality Development and Management program for Laboratory Services in Support to RDE PAPs	Research laboratories maintained (no.)	10	10	10	10	10	10					10.00	0.00	
	Laboratory equipment maintained and calibrated (no.)													
	- ERDB Main Office	46	46	46	46	46	46					46.00	0.00	In compliance with the results of the QMS audit, regular maintenance is being done in all laboratory equipment. Calibration of these equipment shall be done on the 3rd and 4th quarters.
	- RDECs	30	30	30	30	30	30					30.00	0.00	
Project 2: Science-based Management of Experimental Sites and Demonstration Areas in Support to RDE Programs/Projects	Demonstration areas maintained (no.)	2	2	2	2	2	2					2.00	0.00	
E.1.f. Client-Based Technology Transfer and Extension Services for Sustainable Environment and Natural Resources (ENR) Management														
ERDB Main Office RDE Centers														
Project 1. Technology Assessment, and Packaging of ENR Technologies														
ERDB Main Office														
- Development of ERDB Technology Packaging Protocol (TPP)	TPP developed (no.)		1			1	0					0.00	1.00	
	Copies of TPP reproduced (no.)			100		100	0					0.00	100.00	
	Roll out conducted (no.)			6		6	0					0.00	6.00	
- Technology Characterization	Mentoring writeshop conducted (no.)	1				1	1					1.00	0.00	
	Technology Characterization Reports reviewed (no.)		2	2	2	6	2					0.00	0.33	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					REMARKS	
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		VARIANCE AS OF MARCH
- Technology Assessment	ENR technologies assessed (no.)		2	2	2	6	2				0.00	0.33	
- Development and Maintenance of Database	Database developed and maintained (no.)	1	1	1	1	1	1				1.00	0.00	
- Results-Based Monitoring and Evaluation (RBME) of RDECs with Technical Divisions	RBME participated (no.)		1		1	2	0				0.00	2.00	
Project 2. Extension Services on Viable Technologies Through Demonstration Strategies/Areas													
ERDB Main Office RDE Centers													
Activity 1. Technology Needs Assessment (TNA)													
- Monitoring and consolidation of TNA activities conducted by RDECs (Main Office)	TNA monitoring reports consolidated (no.)			2	2	4	0				0.00	4.00	
- Conduct of TNA (RDECs)	Survey or assessment conducted (no.)	2	2	1		5					0.00	5.00	
Activity 2. Implementation and Monitoring Strategic Communication Plan													
- Monitoring of Strategic Plan implementation (Main Office)	Extension sites monitored (no.)			3	3	6	0				0.00	6.00	
	Monitoring reports consolidated (no.)			3	3	6	0				0.00	6.00	
	Monitoring reports analyzed (no.)			3	3	6	0				0.00	6.00	
	Recommendation based on findings formulated (no.)			3	3	6	0				0.00	6.00	
- Implementation of Strategic Communication Plan (RDECs)													
a. Partnership (with public and organization)	Stakeholders partnered (no.)	1	4		1	6	2				2.00	4.00	WWRRDEC, ARDEC
b. Capacity building	Trainings conducted (no.)		3	6		9	1				1.00	8.00	WWRRDEC
	Training reports prepared and submitted (no.)		3	6		9	0				0.00	9.00	
	Action plan prepared (no.)		1	2	1	4	0				0.00	4.00	

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		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
c. IEC campaign for promotion of ENR technologies (showcase of ENR technologies)	Techno-forum/seminar/symposium/ educational tour conducted (no.)	1	3	2	2	8	0				0.00	8.00	
	Techno-forum/seminar/symposium/ educational tour report prepared and submitted (no.)	1	3	2	2	8	0				0.00	8.00	
	IEC materials produced (no.)		1	1		2	0				0.00	2.00	
	Demo Area/Show windows improved and maintained (no.)	1	1	1	1	1	1				1.00	0.00	WWRDEEC
	Exhibit conducted/participated (no.)		1	2		3	0				0.00	3.00	
	Radio guesting conducted (no.)	1	1	1	1	4	1				1.00	3.00	ARDEC
	Show window established (no.)				1	1	0				0.00	1.00	
d. Progress Tracking	Monitoring activities conducted (no.)	6	8	6	7	27	5				5.00	22.00	
	Progress report prepared and submitted (no.)	4	5	4	5	18	6				6.00	12.00	
Activity 3. Strategic Communication Plan (Main Office and RDECs)	Strategic Communication Plan 2020-2021 reviewed (no.)	6				6	5				5.00	1.00	
	Strategic Communication Plan consolidated (no.)				6	6	0				0.00	6.00	
	Strategic Communication Plan prepared and submitted (no.)	1		1	3	5	0				0.00	5.00	
	KAP Survey/Stakeholder Analysis report prepared and submitted (no.)	2		7	7	16	2				2.00	14.00	WWRDEEC
	Technology promotion report prepared and submitted (no.)				1	1	0				0.00	1.00	
Activity 4. Database Development and Management	Database developed and managed (no.)	7	7	7	7	7	7				7.00	0.00	
Project 3. IEC Campaign on Research Based Information for Sustainable Ecosystems Management													
ERDB Main Office RDE Centers													
Activity 1. Production of Printed Knowledge Products and IEC Materials													
- Production of Printed Knowledge	(Main Office)												

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		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
IEC Materials (Main Office and RDECs)	- TTE Framework 2022 - 2026 (Manual) prepared (no.)			1		1	0				0.00	1.00		
	- Enhanced techno transfer and extension workshop report prepared and submitted (no.)		1			1	0				0.00	1.00		
	- Booklet on Success stories on Bamboo produced (no.)			1		1	0				0.00	1.00		
	- Sylvatrop printed (no. of copies)			500	500	1000	0				0.00	1000.00		
	- Canopy International printed (no. of copies)			1000	1000	2000	100				100.00	1900.00		
	(WWRDEC)													
	- Flyers produced (no. of copies)			500		500	0				0.00	500.00		
	- Coffeetable Book produced (no. copies)		300			300	0				0.00	300.00		
	- Briefing kits produced (no. of copies)			500		500	0				0.00	500.00		
	- TeKnow Comics (no. of copies)				500	500	0				0.00	500.00		
	(UBRDEC)													
	- Poster produced (no. of copies)	200				200	0				0.00	200.00		
	- Brochure produced (no. of copies)		500			500	0				0.00	500.00		
	- focused IEC collaterals produced (no.)			500		100	0				0.00	100.00		
	- UBRDEC Experimental Forests Booklet (no. of copies)				100	100	0				0.00	100.00		
	(THWRDEC)													
	- IEC materials printed/produced (no.)		2	3		5	0				0.00	5.00		
	- IEC materials distributed to clientele/stakeholders (no. of copies)	100	200	400	300	1000	113				113.00	887.00		
	(CRERDEC)													
	- Fact sheet printed (no. of copies)			100		100	0				0.00	100.00		
- Branding collaterals produced (no. of pieces)		100			100	0				0.00	100.00			
(ARDEC)														
- Briefing kits produced (no. of copies)		100			100	0				0.00	100.00			
- Primer produced (no.)		200			200	0				0.00	200.00			
- Poster of technology being promoted produced (no. of copies)			200		200	0				0.00	200.00			
- Coffeetable Book of Agroforestry Best Practices produced (no. of copies)				10	10	0				0.00	10.00			
Activity 2. Mass Media Campaign of Ecosystem Technologies (Main Office and RDECs)	Web Media Releases published (no.)	20	21	20	21	82	18				18.00	64.00		
	Ecoklaro episodes uploaded (no.)		1		1	2	1				1.00	1.00		

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	Social Media pages maintained/updated (no.)	7	7	7	7	7	7				7.00	0.00	
	ENR infographics/stories/photo releases uploaded (no.)	27	28	28	28	111	38				38.00	73.00	
	Increased Facebook followers (no.)	375	375	375	375	1400	392				392.00	1008.00	
	TV/Radio guestings facilitated/coordinated (no.)	8	9	8	7	28	2				2.00	26.00	
Activity 3. Visual Communication of Ecosystem Technologies (Main Office and RDECs)	Technology exhibitions produced (no.)	1	3	3	1	8	0				0.00	8.00	
	Exhibit viewers' feedback reports prepared (no.)	1		2	1	4	1				1.00	3.00	
	Exhibit posters designed (no.)	5			5	10	5				5.00	5.00	
	Audio Visual Production (AVP) produced (No.)	2	4	6	6	18	2				2.00	16.00	
Activity 4. Technical Assistance (TA) for Clients (Main Office and RDECs)	Database of TA (conducted) updated (no.)	1	2	2	2	2	2				2.00	0.00	
	Consolidated TA reports prepared and submitted (no.)	3	4	5	4	16	4				4.00	12.00	
	Database of TA Resource Persons maintained (no.)	1	1	1	1	1	1				1.00	0.00	
	TA provided (no.)	9	10	11	10	40	20				20.00	20.00	
Activity 5. Database Management for Production of IEC Materials (Main Office and RDECs)	Database management for production of IEC materials managed/maintained (no.)	6	6	6	6	6	6				6.00	0.00	
	Consolidated IEC reports prepared and submitted (no.)	2	2	2	2	8	3				3.00	5.00	
Project 4. Evaluation of Transferred ENR Technologies cum Documentation of Stories of Adoption													
ERDB Main Office													
Activity 1. Evaluation of Transferred ENR Technologies	Evaluation tool developed (no.)	1				1	100%				1.00	0.00	
	Adopters of ENR Technology interviewed (no.)		10	10	10	30	0				0.00	30.00	
	Datasets gathered and analyzed (no.) (Socio-economic data, Factors affecting adoption, Recommendations)		3	3	3	3	0				0.00	3.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS	
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
	Evaluation reports with policy recommendations prepared and submitted (no.)				1	1	0					0.00	1.00	
Activity 2. Documentation of Success Stories of Technology Adoption	Conceptualization workshop conducted (no.)	1				1	1					1.00	0.00	
	Workshop/writeshop on consolidation and processing of data/materials conducted (no.)		1	1	1	3	0					0.00	3.00	
	Set of data/materials processed (no.) (LGU, Business Enterprise, PO/Private Individual)		1	1	1	3	0					0.00	3.00	
	Field validation and documentation conducted (no.)		1	1	1	3	0					0.00	3.00	
	Booklet drafted/layouted (no.)				1	1	0					0.00	1.00	
	Printed IEC material produced (no. of copies)				200	200	0					0.00	200.00	
E.2. Research, Development and Extension Centers' Implementation of RDE Programs/ Projects/Studies														
E.2.a. Watershed and Water Resources Research, Development, and Extension Center (WWRDEC)														
1. Program on Forests Ecosystem Resiliency and Sustainability														
Project. Water Balance Estimation in Different Climatic Types in Luzon Island, Philippines (Proposed New Project for 2nd QTR) (April 2021 - March 2023)														
2. Program on Promoting Ecosystem Health and Sustainability of Urban Areas through Research and Development														
Project. Assessment of the Prevalence of Sinkholes in Baguio City (Proposed New Project for 2nd QTR) (April 2021 - March 2023)														
3. Program on Emerging Issues														
Project. IPM Development in Forest Plantations in NGP/CBFM Areas within Watersheds of Regions I, II, III, and CAR (January 2017 - March 2022)														
	Regions assessed for pest/diseases infestations (no.)		1	1		2	1					1.00	1.00	
	Plantation sites monitored for pest/disease infestation (no.)	1	1	1	1	1	1					1.00	0.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS	
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
	Dataset on pests and diseases infestation collected and analyzed (no.) - callus formation & pest incidence	2	2	2	2	2	2					2.00	0.00	
	Database on pest infestation in Regions 1, 2, 3 & CAR updated (no.)				1	1						0.00	1.00	
	Integrated pest management strategies developed (no.)				1	1						0.00	1.00	
Project. Benguet Pine Characterization in Selected Disturbed and Undisturbed Sites of Benguet Province														
<i>Component 1.</i> Biophysical Assessment of Selected Pine Forests in Benguet Province (August 2020 - December 2021)	Soil samples collected and analyzed (no.)	1	1			2	1					1.00	1.00	
	Water quality and quantity assessed (no.)	2	5			7	2					2.00	5.00	
	Pine forest documented for existing and potential threats (no.)	1	1			2	1					1.00	1.00	
	Database on the Biophysical Accounts of Selected Pine Forests in Benguet Province developed (no.)				1	1						0.00	1.00	
<i>Component 2.</i> Population Structure and Regeneration Status of <i>Pinus kesiya</i> Royle ex Gordon Forests in the Province of Benguet (August 2020 - December 2021)	Primary data on pine forest regeneration gathered (no.)	2	4	2		5	2					2.00	3.00	
	Database and maps on the population structure and regeneration of Benguet Pine forests developed (no.)				1	1						0.00	1.00	
<i>Component 3.</i> GIS-based Forecasting Model for Early Detection of Bark Beetle Outbreaks in Disturbed and Undisturbed Pine Forests in Baguio City. (August 2020 - July 2023)	Sites assessed and characterized (no.)	2				2	1					1.00	1.00	
	Bark beetle life history assessed and documented (no.)	1	1	1	1	1	0					0.00	1.00	
	Biotic and abiotic data gathered (dataset)				2	2						0.00	2.00	
Project. Environmental Carrying Capacity of Baguio City (July 2020 - June 2021)	Biophysical parameters assessed/characterized (no.) - Flora & Fauna	2				2	2					2.00	0.00	
	Physical parameters assessed (no.) - Water - Soil	3	3			3	2					2.00	1.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS	
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
	- Infrastructure													
	Carrying capacity of Baguio City determined (no.)		1			1					0.00	1.00		
4. Maintenance of Laboratory in Support to the Centers RDE projects	Laboratory maintained (no.)	1	1	1	1	1	1				1.00	0.00		
E.2.b. Urban and Biodiversity Research Development and Extension Center (UBRDEC)														
1. Program on Forests Ecosystem Resiliency and Sustainability														
Project. Market Chain Analysis of Selected Non-Timber Forest Products for Equitable Revenue Distribution (July 2019 - December 2021) <i>extended</i>	Market data for non-timber forest products gathered (no. of products)	5	5			5	5				5.00	0.00		
	Market Channel Sites for Non-timber forest products identified and analysed (no.)	2	4			6	2				2.00	4.00	Conducted interview/survey with the NTFP harvesters, producers, and intermediaries from Ilocos Norte and Ifugao provinces.	
2. Program on Ecosystems Dynamics and Sustainable Management of Coastal and Freshwater Ecosystems														
Project. Ecological Characterization and Carrying Capacity of Puerto Princesa Underground River (July 2019 - June 2021) <i>extended</i>	Water samples assessed (no.) - dry season	12	36			48	12				12.00	36.00		
	Carbon dioxide and Oxygen concentrations determined (no. of site)		1			1					0.00	1.00		
	Technical information on the biogeochemical processes of Puerto Princesa Underground River (PPUR) generated (no.)		1			1					0.00	1.00		
	Carrying capacity of PPUR updated (no.)		1			1					0.00	1.00		
Project. Development of Pagbilao Mangrove Experimental Forest Station (April 2017 - March 2022)	Mangrove nursery maintained (no.)	2	2	2	2	2	2				2.00	0.00		
	Mangrove experimental plantations maintained (no.)	2	2	2	2	2	2				2.00	0.00		
	Seeds of mangrove and beach forests species collected (no.)		1,000	1,000	1,000	3,000	1500				1500.00	1500.00		
	Mangrove production protocol developed (no.)			2	3	5					0.00	5.00		

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
	Mangrove growth data gathered and analyzed (no.)	1	1	1	1	1	1				1.00	0.00	Quarterly data gathering
Project. Accounting and Mapping of Ecosystem Carbon Stock of Mangrove Forest and C Losses Arising from Deforestation (June 2018 - June 2021)	Sites surveyed (no.)	1				1	1				1.00	0.00	
	Datasets gathered and analyzed (no. of site)												
	- Biomass C Stocks	1	1			1	1				1.00	0.00	
	- Soil C Stocks and losses	1	1			1	1				1.00	0.00	
	Biomass Maps generated (no.)		1			1					0.00	1.00	
3. Program on Promoting Ecosystem Health and Sustainability of Urban Areas through Research and Development													
Project. Solid Waste Management and Climate Change Readiness of Fast Urbanizing Areas (Proposed New Project for 2nd QTR) (July 2021 - March 2023)	Solid waste management practices surveyed and evaluated (no. of sites)			1	2	3					0.00	3.00	
	Climate Change readiness assessed (no. of sites)			1	2	3					0.00	3.00	
4. Program on Emerging Issues													
Project. Assessment of Carrying Capacity of Puerto Galera, Oriental Mindoro (August 2020 - December 2021)	Biophysical parameters assessed/ characterized (no.)	4				4	4				4.00	0.00	Data gathering was re-scheduled on March 2021
	Carrying capacity parameters assessed (no.)	3	3			3	2				2.00	1.00	Data gathering was re-scheduled on March 2021
	- socio-economic												
	- traffic and transport												
	- solid and liquid wastes												
	Carrying capacity of Puerto Galera determined (no.)			1		1					0.00	1.00	
5. Maintenance of Laboratory in Support to the Centers RDE projects	Laboratory maintained (no.)	1	1	1	1	1	1				1.00	0.00	
E.2.c. Coastal Resources and Ecotourism Research, Development, and Extension Center (CRERDEC)													
1. Program on Ecosystems Dynamics and Sustainable Management of Coastal and Freshwater Ecosystems													
Project. Growth variation in selected mangrove plantations as affected by different ha conditions in the Philippines (January 2018 - June 2021) <i>extended</i>	Growth performance and survival rate measured (no of sites)	2	3			5	2				2.00	3.00	Data gathering is scheduled on March 2021
	Growth variation of Mangrove												Analysis shall be done after data gathering

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
	plantations determined (no.)	1	1			1	1				1.00	0.00	
Project. Ecotourism Management Analysis of Selected Marine Protected Area (MPAs) in the Philippines (Proposed New Project for 2nd QTR) (April 2021 - March 2025)													
Project. Relationship of Multiple Hbaitat Contin and Horseshoe Crab Population in Hon Bay and Quezon Province (Proposed New Project for 3rd QTR) (July 2021 - September 2022)	Datasets gathered (no.) - horseshoe crab population - vegetation - sediment and water			1	2	3					0.00	3.00	
	Crab samples analyzed (no.)			1	1	2					0.00	2.00	
RDE project in the FY 2021 proposal pipeline (NEW proposal stage)	RDE proposal reviewed and approved for implementation (no.)		2	2	2	2					0.00	2.00	
2. R&D Program on Emerging Issues													
Carrying Capacity Assessment of Coron, Palawa (July 2020 - December 2021)	Biological parameters characterized/ assessed (no.) - flora & fauna - wetlands - other landforms used for tourism	var	var			var							Collection of secondary data was done and reconnaissance survey and initial data gathering were done in different ecosystems
	Carrying capacity parameters assessed (no.) - socio-economic - traffic and transport - solid and liquid wastes	3	3	3		3	1				1.00	2.00	Initial interview survey was done. Other parameters shall be assessed on the 2nd quarter.
	Carrying capacity of Coron, Palawan determined (no.)					1					0.00	1.00	
3. Maintenance of Laboratory in Support to the Centers RDE projects	Laboratory maintained (no.)	1	1	1	1	1	1				1.00	0.00	
E.2.d. Agroforestry Research, Development, and Extension Center (ARDEC)													
1. Program on Forests Ecosystem Resiliency and Sustainability													
Project. Phytological control of cogon (Imperata cylindrica (L.) Beau) using tree seedlings applied with biofertilizer and combination of NPK and vermicast in degraded ancestral domain area, Talain Davao del Norte	Experimental plots maintained (no.)	36	36	36	36	36	36				36.00	0.00	
	Live fence maintained (linear meter)	800	800	800	800	800	800				800.00	0.00	
	Rainfall data monitored (no.)	3	3	3	3	12	2				2.00	10.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
(January 2018 - December 2022)	Biological datasets collected and analyzed (no.) - survival - height - diameter - health	4	4	4	4	4	4				4.00	0.00	
	Soil collected and analyzed for pH, texture, bulk density, NPK, & organic matter (no. of set)				3	3					0.00	3.00	
Project. Control and management of invasive alien species (IAS) (Piper aduncum L.) improve productivity and biodiversity of Lake Sebu, South Cotabato (March 2018 - December 2021) extend	Pilot areas protected, maintained and monitored (has.)	5	5	5	5	5	5				5.00	0.00	
	Dataset (pests and diseases, growth performance, and survival of planted indigenous tree species) collected and analyzed (no.)	3	3	3	3	3	3				3.00	0.00	
	Live fence maintained (linear meter)	1,300	1,300	1,300	1,300	1,300	1,300				1300.00	0.00	
	Demonstration area/learning site established and maintained (no.)	1	1	1	1	1	1				1.00	0.00	
Project. Valuation of Ecosystem Services in a Community-based Forest Management Agroforestry (Proposed New Project for 2nd QTR) (April 2021 - March 2023)													
RDE project in the FY 2021 proposal pipeline (NEW proposal stage)	RDE proposal reviewed and approved for implementation (no.)		2	2	2	2					0.00	2.00	
2. Maintenance of Laboratory in Support to the Centers RDE projects	Laboratory maintained (no.)	1	1	1	1	1	1				1.00	0.00	
E.2.e. Forest and Wetland Research, Development and Extension Center (FWRDEC)													
1. Program on Forests Ecosystem Resiliency and Sustainability													
Project. Performance of different cloned clim species interplanted in existing tree plantation within mined-out areas of Carmen Copper Corporation (CCC) (May 2017 - April 2022)	Growth performance dataset (survival, height, diameter, and health status) collected (no.)	1	1	1	1	1	1				1.00	0.00	Data gathering is scheduled on March 2021
	Experimental plots monitored, maintained, and protected (no.)	3	3	3	3	3	3				3.00	0.00	Continuous activity
	Database on micro-climatic data updated (no.)	1	1	1	1	1	1				1.00	0.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
	Soil samples collected and analyzed for NPK and heavy metals (no.)			22		22					0.00	22.00	
	Manual on Rehabilitation of Mined-out Areas using Climax Species drafted (no.)				1	1					0.00	1.00	
Project. Establishment of Demonstration Areas (September 2018 - August 2022)	Demonstration area maintained and monitored (no.)	4	4	4	4	4	4				4.00	0.00	
	Growth dataset collected (no. of sites)	4	4	4	4	4	4				4.00	0.00	
RDE project in the FY 2021 proposal pipeline (NEW proposal stage)	RDE proposal reviewed and approved for implementation (no.)		2	2	2	2					0.00	2.00	
2. Program on Ecosystems Dynamics and Sustainable Management of Coastal and Freshwater Ecosystems													
Project. Updating of Profile/Status of Priority Peatlands in the Philippines (<i>Proposed New Project for 2nd qtr</i>) (April 2021 - March 2023)	Flora and fauna assessed (no. of sites)		2	2		2					0.00	2.00	
	Water samples collected and analyzed (no.)		4	4		8					0.00	8.00	
	Experimental sampling plots established (no. of sites)		1	1		2					0.00	2.00	
RDE project in the FY 2021 proposal pipeline (NEW proposal stage)	RDE proposal reviewed and approved for implementation (no.)		1	1	1	1					0.00	1.00	
3. Maintenance of Laboratory in Support to the Center's RDE projects	Laboratory maintained (no.)	1	1	1	1	1	1				1.00	0.00	
E.2.f. Toxic and Hazardous Wastes Research Development, and Extension Center (THWRDEC)													
1. Program on Promoting Ecosystem Health and Sustainability of Urban Areas through Research and Development													
Project. Development of low-cost adsorbents (rice, coconut, sugarcane and maize residues for the removal of hexavalent chromium in tannery wastewater (October 2018 - June 2021)	Water quality parameters determined (no. of datasets)	3				3	3				3.00	0.00	
	Low cost-absorbent from Agricultural Waste Materials developed (no.)		4			4	4				4.00	0.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS	
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
Project. Development of Barangay Management System for Household Hazardous Wastes in Quezon City, Metro Manila (February 2020 - September 2021)	Data validation (no.)	3				3	0					0.00	3.00	
	Propose Barangay Household Haardous Wastes Management System developed (no.)			1		1						0.00	1.00	
Project. Healthcare Waste (HCW) Management Practices by Non-Hospital-based Clinical Laboratories in Selected Cities in Metro Manila (Propose NEW project for 2nd qtr) (April 2021 - June 2022)	Clinical laboratories validated (no. of sites)		3			3						0.00	3.00	
	Laboratory waste management system and policies reviewed and assessed (no.)			43	43	86						0.00	86.00	
	Respondents interviewed (no.)			258	258	516						0.00	516.00	
RDE project in the FY 2021 proposal pipeline (NEW proposal stage)	RDE proposal reviewed and approved for implementation (no.)		2	2	2	2						0.00	2.00	
E.3. Emerging Issues and other Research Initiatives in support to Major Programs of the Philippine Government	Research project conducted (no.)	var.	var.	var.	var.	2	2					2.00	0.00	Support to the implementation of CO-based funded projects on LPPWP and Nilad
Project Management and Supervision (PMS)														
Management and Supervision of RDE programs/projects/activities	RDE projects' implementation supervised (no. of projects)	16	22	27	25	33	16					16.00	17.00	On-going RDE projects as of March 31, 2021
	Consortium related to RDE participated/partnered (no.)	7				7	5					5.00	2.00	Final and 2nd review of MOA for the ff: 1. Western Visayas Agriculture Resources Research and Development Consortium 2. Central Visayas Agriculture and Aquatic and Natural Resources Research and Development Consortium 3. Northern Mindanao Consortium for Agriculture Aquatic and Natural Resources Research and Development 4. Caraga Consortium for Agriculture, Aquatic and Natural Resources Research and Development 5. Western Mindanao Agriculture, Aquatic, and Natural Resources Research and Development Consortium
Review of Completion Report, Manuals, and Technical Bulletins	CarCap Completion Report reviewed (no.)			2	2	2						0.00	2.00	
	ERDB Manuals reviewed (no.)				2	2						0.00	2.00	
Fixed Expenditures/Mandatory														
<i>RLIP</i>														
III. Operations														

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS	
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL			
A. Natural Resources Conservation and Development Program														
Forest and Watershed Management Sub-Program														
<i>Forest Development, Rehabilitation and Maintenance and Protection</i>														
1. Maintenance and Operation of Clonal Nurseries and Production of Quality Materials	Clonal nurseries maintained (no.) Quality planting materials of idigenous forest tree species produced (no.)	6 30,000	6 30,000	6	6	6 60,000	6 20777				6.00 #####	0.00 39223.00		
ERDB Main Office		1 5,000	1 5,000	1	1	1 10,000	1 1200				1.00 1200.00	0.00 8800.00		
Research Centers:														
1) WWRRDEC		1 5,000	1 5,000	1	1	1 10,000	1 980				1.00 980.00	0.00 9020.00		
2) UBRDEC		1 5,000	1 5,000	1	1	1 10,000	1 4167				1.00 4167.00	0.00 5833.00		
3) CRERDEC		1 5,000	1 5,000	1	1	1 10,000	1 5020				1.00 5020.00	0.00 4980.00		
4) FWRDEC		1 5,000	1 5,000	1	1	1 10,000	1 4400				1.00 4400.00	0.00 5600.00		
5) ARDEC		1 5,000	1 5,000	1	1	1 10,000	1 5010				1.00 5010.00	0.00 4990.00		
	Macro-propagation protocol developed (no.)				6	6	1				1.00	5.00		
2. Plantation Establishment and	Area planted (has.)			60	60	120					0.00	120.00		
ERDB Main Office				10	10	20					0.00	20.00		
Research Centers:														
1) WWRRDEC				10	10	20					0.00	20.00		
2) UBRDEC				10	10	20					0.00	20.00		
3) CRERDEC				10	10	20					0.00	20.00		
4) FWRDEC				10	10	20					0.00	20.00		
5) ARDEC				10	10	20					0.00	20.00		
3. Maintenance and Protection of Developed Plantations for the 1st year	Plantation maintained and protected (has.)				120	120					0.00	120.00		
ERDB Main Office					20	20					0.00	20.00		
Research Centers:														
1) WWRRDEC					20	20					0.00	20.00		
2) UBRDEC					20	20					0.00	20.00		
3) CRERDEC					20	20					0.00	20.00		
4) FWRDEC					20	20					0.00	20.00		
5) ARDEC					20	20					0.00	20.00		
Maintenance and Protection of Established Developed Plantations for the 2nd year	Plantation maintained and protected (has.)	120	120	120	120	120	120				120.00	0.00		

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
ERDB Main Office		20	20	20	20	20	20				20.00	0.00	
Research Centers:													
1) WWRRDEC		20	20	20	20	20	20				20.00	0.00	
2) UBRDEC		20	20	20	20	20	20				20.00	0.00	
3) CRERDEC		20	20	20	20	20	20				20.00	0.00	
4) FWRDEC		20	20	20	20	20	20				20.00	0.00	
5) ARDEC		20	20	20	20	20	20				20.00	0.00	
4. Maintenance and Operation of Production Area and Production of Hi-Q Vam 1	Production facilities maintained and operationalized (no.)	4	4	4	4	4	4				4.00	0.00	
	Equipment calibrated (no.)		10			10					0.00	10.00	
a) Establishment of trap plants and of mycorrhizal inoculants	Mycorrhizal inoculants produced (no.)	50	50			100	0				0.00	100.00	
	Hi-Q VAM 1 inoculants harvested and packed with acceptable spore count, viability, and purity (tons)			50	50	100					0.00	100.00	
	Hi-Q VAM 1 distributed to DENR Regional offices (tons)	200				200	34.32				34.32	165.68	
b) Monitoring of the distributed Hi-Q VAM 1 to DENR Regional Offices	Effectiveness of Hi-Q VAM 1 in NGP sites documented (no. of sites)	2	2	1	1	6	1				1.00	5.00	
c) Nursery Screening of Hi-Q VAM 2	Patent for Hi-Q VAM 2 applied (no.)				1	1					0.00	1.00	
d) Production of IEC Materials	IEC Materials produced (no.)	1				1	0				0.00	1.00	
	IEC Materials printed (no. of copies)	20,000		15,000		35,000	0				0.00	35000.00	
e) Conduct of Buil-in Research on the effectiveness of mycorrhiza	Experimental sites for mycorrhiza established (no.)		2	2		2	0				0.00	2.00	
	Species tested (no.)			2	2	4	0				0.00	4.00	
5. Maintenance/Operationalization of Forest Tree Seed Centers (FTSC)	Forest Tree Seed Center (FTSC) maintained/operationalized (no.)	6	6	6	6	6	6				6.00	0.00	
ERDB Main Office		1	1	1	1	1	1				1.00	0.00	
Research Centers:													
1) WWRRDEC		1	1	1	1	1	1				1.00	0.00	
2) UBRDEC		1	1	1	1	1	1				1.00	0.00	
3) CRERDEC		1	1	1	1	1	1				1.00	0.00	
4) FWRDEC		1	1	1	1	1	1				1.00	0.00	
5) ARDEC		1	1	1	1	1	1				1.00	0.00	
	Candidate plus trees identified (no.)	55	35	40	40	170	73				73.00	97.00	
	Phenological calendar updated (no. of species)	5	11	11	10	37	25				25.00	12.00	
	Seeds collected (no. of seedlot)	10	15	15	14	54	13				13.00	41.00	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
	Seeds validated (no. of seedlot)	5	10	15	10	40	1				1.00	39.00	
	Collected seeds processed (no. of seedlot)	12	15	15	15	57	12				12.00	45.00	
	Seedlot tested (no.) - purity test, % germination, seed count, % moisture content	20	20	20	30	90	21				21.00	69.00	
	Seed documented and registered (no.)	20	30	25	25	100	17				17.00	83.00	
	Seed protocol developed (no. of species)	2	10	8	10	30	2				2.00	28.00	
	Operations Manual produced (no.)				1	1					0.00	1.00	
6. Other Related Activities													
a) Impact Assessment of 2015 & 2016 NGP sites	NGP sites assessed (no.)	3		8		20	4				4.00	16.00	
	Database system on the biological, physical, socio-economic, and spatial characteristics of assessed 2015 & 2016 NGP sites developed (no.)				1	1					0.00	1.00	
	Executive summary submitted (no.)				1	1					0.00	1.00	
	Reports prepared (no.)				20	20					0.00	20.00	
b) Special studies	Special studies conducted (no.)	4	4	4	4	4	1				1.00	3.00	
b.1. Assessment of the Effect of Stock Source and Stock Type on the Field Growth Performance of Selected NGP Planting Materials in Tukuran, Zamboanga Del Sur (Region 9) and Bislig, Surigao del Sur (CARAGA)	Planting materials produced thru MMNF, Clonal, and PO (no.)	300	300			600	0				0.00	600.00	Implementation was moved on the 2nd quarter
	Experimental plots established (no. of sites)			2		2					0.00	2.00	
	Growth data gathered (no.) - survival, height, diameter				6	6					0.00	6.00	
b. 2. Whole-Ecosystem Carbon Stocks and Sequestration of Forest Plantations under the National Greening Program in Davao and Central Luzon Regions	NGP sites assessed for carbon sequestration potential (no.) - Central Luzon - Davao Region	2				2	0				0.00	2.00	Implementation was moved on the 2nd quarter
	Data gathered (no.)	1	3	4		8	0				0.00	8.00	
	Data analyzed (no.)		4	4		8							
b. 3. Assessment of Field performance of Planted QPMs for NGP	Experimental sites maintained (no.)	3	3	3	3	3	3				3.00	0.00	
	Quality Planting Materials (QPMs) assessed (datasets per site) - diameter, height, survival	3	3	3	3	3	0				0.00	3.00	
b. 4. Time and Motion study on the Production of QPMs using rooted	Seedlings produced (no.)		600			600	200					0.33	

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
cuttings through macro-somatic cloning and seed-based propagation technologies	Cuttings produced (no.)	600				600	0				0.00	600.00	
	Efficiency of propagation technologies assessed and documented (no.)			2	2	2					0.00	2.00	
c) Soil Mapping for the preparation of Forest Soils Map	NGP sites assessed (no.)		3	3	2	8					0.00	8.00	
	Soil properties/parameters analyzed (no.)				10	10					0.00	10.00	
	Maps generated (no.)				8	8					0.00	8.00	
d) Maintenance and protection of experimental forests	Experimental forests maintained and protected (no.)	24	24	24	24	24	24				24.00	0.00	
	ERDB Main Office (maintained under LESD)	1	1	1	1	1	1				1.00	0.00	
	Research Centers:												
	1) WWRRDEC	4	4	4	4	4	4				4.00	0.00	
	2) UBRDEC	5	5	5	5	5	5				5.00	0.00	
	3) CRERDEC	6	6	6	6	6	6				6.00	0.00	
	4) FWRDEC	7	7	7	7	7	7				7.00	0.00	
	5) ARDEC	1	1	1	1	1	1				1.00	0.00	
e) Technical assistance/support to NGP Regional implementers	Technical assistance provided (no.) - Turned-over clonal nurseries - De-listed Seed sources - Bamboo Plantations - Mangrove Plantations	var.	var.	var.	var.	var.	var						
f) UPLB project (Integrated Research and Development for High Value Forest)	Downloaded to UPLB-CFNR with separate WFP												
g) Monitoring and Evaluation													
Turned-over Clonal Facilities and Seed Sources	Sites monitored and evaluated (no.) - Turned-over clonal nurseries (regions) - Retained Seed sources (sites) - Bamboo Plantations (regions) - Mangrove Plantations (regions)	3 14 2 var.	5 25 6 var.	5 5 5 var.	3 2 2 var.	16 39 15 0	0 0 0 0				0.00 0.00 0.00 0.00	16.00 39.00 15.00 0.00	
	Bamboo IEC materials produced (no. of copies)		1,500			1,500	0				0.00	1500.00	
7. Project Management and Supervision													
a) Submission of Reports	Report prepared and submitted (no.) - Monthly - Quarterly - Semi-annual - Annual	3 1	3 1	3 1	3 1	12 4 1 1	3 1				3.00 1.00 0.00 0.00	9.00 3.00 1.00 1.00	
b) Conduct and participation in the NGP consultation meetings/workshops	NGP consultation meetings/workshops attended (no.)	var.	var.	var.	var.								

P/P/A	PERFORMANCE INDICATOR/UWM	PHYSICAL TARGET					PHYSICAL ACCOMPLISHMENT					VARIANCE AS OF MARCH	REMARKS
		1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL		
c) Conduct of Trainings/Workshops/Seminar	Trainings/workshops/seminars conducted (no.)		2			2					0.00	2.00	
	- Phenological calendar and seed testing		1			1					0.00	1.00	
	- Carbon Sequestration Potential		1			1					0.00	1.00	
8. Hiring of Project Development Officers	Project Development Officers hired (no.)	4	4	4	4	4	4				4.00	0.00	
B. Environmental and Natural Resources													
Natural Resources Assessment Sub-Program													
B.1. Vulnerability Assessment													
1. Provision of technical assistance in the implementation of climate resiliency aspect in the implementation of vulnerability assessment	Vulnerability assessment implementation assisted (no.)		3	8	3	14	1				1.00	13.00	Provided technical assistance in Region 6 Capiz
2. Review of 2019 VA reports submitted by regional offices with characterization report	Vulnerability assessment reports reviewed and evaluated (no.) (CY 2020 targets)	2	3	2		7	6				6.00	1.00	Reviewed reports from R 6 (Barotac Viejo), R 2 (Dummun Watershed), and R 8 (Palo, Daguitan, and Mainit Watershed)
	Workshop/training on vulnerability assessment report writing conducted (no.)				1	1					0.00	1.00	
B.2. Natural Resources Accounting and Valuation Program													
1. Conduct of Resources Valuation study	Ecosystem services valued (no. of sites)		1	1	1	1					0.00	1.00	
PMS and M&E													
Fixed Expenditures/Mandatories													

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