



Republic of the Philippines  
DEPARTMENT OF AGRICULTURE  
**Bureau of Soils and Water Management**  
Soils Research and Development Center Building  
Elliptical Road corner Visayas Avenue  
Diliman, Quezon City



201901\_LS-

January 30, 2019

**TITON MITRA**

Country Director  
United Nations Development Programme  
15F North Tower, Rockwell Business Center  
Sheridan Street cor. United Street  
Mandaluyong City, Philippines

Dear **Director Mitra**:

On behalf of the Bureau of Soils and Water Management of the Department of Agriculture, I am pleased to submit the 2018 Annual Progress Report (APR) of the UNDP GEF5 Project "Implementation of Sustainable Land Management Practices to Address Land Degradation and Mitigate Effects of Drought" (SLM Project).

Thank you.

Sincerely yours,

**ANGEL C. ENRIQUEZ, CESO III**  
OIC-Director, Bureau of Soils and Water Management  
National Director, UNDP GEF5 SLM Project

**ANNUAL PROGRESS REPORT<sup>1</sup>**  
**2018**



Empowered lives.  
Resilient nations.

**A. BASIC INFORMATION**

<b>Project ID / Output ID</b>	<b>00089948/00095966</b>	<b>Reporting Date:</b>	<b>10/1/2019</b>
<b>Full Title:</b>	<b>IMPLEMENTATION OF SUSTAINABLE LAND MANAGEMENT (SLM) PRACTICES TO ADDRESS LAND DEGRADATION AND MITIGATE EFFECTS OF DROUGHT</b>		
<b>Start Date</b>	<b>8/1/2015</b>	<b>Completion date, approved extension (if any)</b>	<b>6/30/2019</b>
<b>Total Project Fund:</b> (and fund revisions, if any)	<b>USD 6,674,052.00</b>	<b>AWP Budget (2018)</b>	<b>USD 325,000.00</b>
<b>Implementing Partner:</b>	<b>Department of Agriculture-Bureau of Soils and Water Management (DA-BSWM)</b>		
<b>Donor/s</b>	<b>GEF</b>		
<b>Responsible Partner/s:</b>	<b>DENR-FMB, DAR, DILG, HLURB, LGUs of Bukidnon and Leyte provinces through their Provincial Agriculture Offices and City of Malaybalay, Bukidnon and Municipality of Abuyog, Leyte through the City/Municipal Agriculture Offices and, respective Farmers' Association in Malaybalay and Abuyog.</b>		

**B. INDICATIVE/EMERGING RESULTS OF THE PROJECT**

In terms of Policy Development, the integrated land management framework (ILMF), which will lead to the development of the tools and procedures of integrated land management planning in local land use and development plans, has been drafted and pilot tested in the two (2) municipalities – Abuyog, Leyte and Malaybalay City, Bukidnon. The ILM planning template will be adopted for mainstreaming SLM into the Comprehensive Land Use Plans (CLUPs) of the two pilot local government units (LGUs). By preparing their ILM/SLM plans, the LGUs will have scientific-based and robust foundation for effectively addressing their land degradation challenges over the long-term. Also, the ILMF/SLM framework will be later officially adopted jointly by the concerned national agencies such as the DA, DENR, DAR and DILG thru a Joint Memorandum Circular.

In terms of Capacity Building, and in line with the project's development of modules to incorporate SLM in existing tools and modalities, the conduct of land degradation mapping in the two (2) pilot municipalities in Malaybalay City, Bukidnon (soil erosion) and in Abuyog and Sta. Fe in Leyte (soil fertility decline) involved national and local staff of the focal agency, DA-BSWM. The learning-by-doing approach capacity building during field assessments, monitoring and mentoring also benefitted LGU field technicians under the teaching of the SLM Specialist with active farmer participation. The emergent techno-demo farm of SLM practices in the municipality of Malaybalay City, in particular, on specific land degradation problem of soil erosion, will give resource users access to SLM know-how at the ground level, proven through demonstration and monitoring of land degradation. Likewise, technology transfer will be more effective with on-the-ground demonstration for the SLM extension services of LGUs. A number of innovations were developed for mapping of visible and non-visible land degradation, such as hierarchy of natural resources degradation composed of soil degradation, land degradation and Pedo (Soil) – Ecological degradation, the use of soil taxonomic unit as the foundation of land management units and ecological zone – level degradation, photo-visual assessment which provide picture-based evidences of land degradation, the recognition that land degradation

<sup>1</sup> UNDP CO Template for Annual Progress Reporting for projects without donor-prescribed templates for annual reporting; simplified form from POPP;  
Deadlines: Draft APR due November 30 2018 and Final APR due January 2019.



in the country is seasonal and that land degradation types identified during the rainy month manifests different types of land degradation in the following dry months, the farmer's perspective on land degradation which is paramount, the use of farmers' bio-indicators that area treated as proxy to the above soil degradation, the reference and deviant plants for farmland degradation monitoring and assesement and transformed the CSDF identified list of land degradation into seasonal land degradation and identify non-visible land degradation types.. The priority use of visible, observable, measurable and less costly land degradation indicators will effectively improve the communication and transfer of technologies and results of land degradation studies to land resource users and farming communities.

The process of implementing SLM practices and the revision/updating of CLUP requires the participation of local planning team. With the ILMF and the guidelines report on SLM mainstreaming already in place, the HLURB will be on hand to ensure that the proposed guidelines reflect the key results of the pilot study and the competencies of LGUs in mainstreaming SLM into local land use and development planning and regulatory processes are enhanced. In consideration of sustainability, the Inter-Agency Technical Committee and the Local Technical Working Groups have been organized at the national and local levels, respectively to build partnerships, establish consensus on the approach and scope of project activities, and evaluate if the technologies and systems being introduced are replicable and adaptable. Further, on sustainability research areas have been identified for the State Universities and Colleges to explore.

### C. TECHNICAL ACCOMPLISHMENTS

Project Output Indicator/s		Baseline	2018 Milestone	2018 Target	End of Project Targets
<b>Outcome 1. Effective cross-sectoral enabling environment at the national and local level in place to promote integrated landscape management.</b>					
<b>Output 1.1 Multi-sectoral stakeholders committee strengthened at national level to oversee and give technical advice on the integration of SLM into LGU's development plans.</b>					
1.1 An Integrated Land Management Framework incorporating SLM practices and technologies	2015	Presence of guidelines in mainstreaming CCA-DRR and biodiversity conservation in CLUP	Integrated Land Management Framework pilot tested in the two municipalities. Report on the mainstreaming of SLM/ILM in the strategic plans of DA and DENR-FMB completed.	Integrated Land Management Framework pilot tested for mainstreaming in DA and DENR	A national integrated land management framework mainstreaming SLM practices and technologies developed and adopted by HLURB
<b>Output 1.2 Approved guidelines on SLM mainstreaming into national and local land use plans and investment programs</b>					
1.2 Enhanced CLUP guidelines to mainstream SLM	2015	No existing procedural guidelines on mainstreaming SLM in land use, agricultural and forestry development plans	Guidelines on Mainstreaming SLM into CLUP report completed and pilot-tested to the pilot municipalities.	Supplemental Guidelines in mainstreaming SLM in CLUP drafted and applied to pilot municipalities	Guidelines on mainstreaming have been applied in to pilot municipalities and further enhanced based on experience and findings of the testing exercise



Project Output Indicator/s		Baseline	2018 Milestone	2018 Target	End of Project Targets
1.3 Relevant policy issuance for the mainstreaming of SLM in local and use including forest land use and development planning processes	2015	Pledge of commitment signed by DA, DAR and DENR in support to the implementation of the National Action Plan to Combat Desertification, Land Degradation and Drought (NAP-DLDD 2010-2020)	Draft Joint Memorandum Circular will be annexed to the Final ILMF report.	Draft Joint Memorandum Circular completed	Issuance of Joint Memorandum Circular or Special Order on SLM mainstreaming by DA, DENR and DAR
<b>Output 1.3 Information management system to support SLM integration into LGU's development plans and improving informed land use allocation decisions</b>					
1.4 Data base and decision support information system operational and accessible to LGUs	2015	Existing LADA web portal with maps at national and regional scales	BSWM-GSITD was tapped to develop the design for upgrading maps, LDI and relevant data gathered and inputted.  Field activities and trainings were conducted by the BSWM-GSITD.	Design for upgrading maps, Land Degradation Index, and relevant data gathered and inputted	Developed a GIS-based LADA maps incorporating SLM practices and technologies with information/maps accessible and relevant to CLUP preparation of LGUs  Developed a user guide for the upgraded database
<b>Output 1.4 Training-of-trainers from BSWM, DA Regional Offices, DENR and DAR and the PAOs and MAOs/CAOs capacitated in training extension officers from the LGUs in promotion of SLM practices and technologies.2</b>					
1.5 Competency development program for LGUs on SLM technology application and mainstreaming developed and implemented	2015	New and young scientist from BSWM, DA Regional Offices, DENR and DAR lacked hands-on training on SLM	Competency Development Program Guide and SLM Training Manual completed and applied to the pilot LGUs, ATI and other agency stakeholders.	Competency Development Program Guide Developed  Training Manuals produced  Training for Trainors and for LGUs, ATI, DA-BSWM, and DENR conducted  Potential trainors from DILG and HLURB are identified and trained on various SLM management and physical technologies for mainstreaming SLM into the CLUP	Training of SLM practitioners by the MAOs, ATI extension workers, DA-BSWM, and DENR on SLM technology applications conducted



Project Output Indicator/s		Baseline	2018 Milestone	2018 Target	End of Project Targets
1.6 Increase scores of indicators of the following capacity results in the Capacity Development Scorecards of DA-BSWM, DENR-FMB and HLURB from the start-up of Project up to end of Project a) Capacity for engagement (CR1); b) Capacity to generate access, and use information and knowledge (CR2); c) Capacity for strategy, policy, and legislation development (CR3); d) Capacity for management and implementation (CR4); e) Capacity to monitor and evaluate (CR5)	2015	<p>Average capacity scores for</p> <p>DA-BSWM</p> <p>CR1 – 2 (Inds. 1-3)</p> <p>CR2 – 2 (Inds. 4-8)</p> <p>CR3 – 2 (Inds. 9-11)</p> <p>CR4 – 2 (Inds. 12-13)</p> <p>CR5 – 2 (Inds. 14-15)</p> <p>DENR-FMB</p> <p>CR1 – 1.67 (Inds. 1-3)</p> <p>CR2 – 2 (Inds. 4-8)</p> <p>CR3 – 2 (Inds. 9-11)</p> <p>CR4 – 2.5 (Inds. 12-13)</p> <p>CR5 – 1 (Inds. 14-15)</p> <p>HLURB</p> <p>CR1 – 1 (Inds. 1-3)</p> <p>CR2 – 2 (Inds. 4-8)</p> <p>CR3 – 2 (Inds. 9-11)</p> <p>CR4 – 2.5 (Inds. 12-13)</p> <p>CR5 – 1 (Inds. 14-15)</p>	The following capacity development activities were conducted: ToT on CLDIMS, Training on Soil and Nutrient Management for Lowland Rice Production, Farm level degradation monitoring, Training on Farm Planning and Capability Enhancement on Managing Spatial Data for SLM	Number of capacity trainings of DA-BSWM, DENR-FMB, and HLURB based on other outputs)	<p>At least an average increase in 5 capacity results (CR1-CR5) by 0.33 to 1 for BSWM with a high score of 3 in the following indicators: Indicator 3, 4, 5, 7 and 13</p> <p>At least an average increase in 5 capacity results by 0.5 to 0.8 for DENR-FMB with a high score of 2 to 3 in the following indicators: Indicators 3, 4, 5, 8, 10 and 12</p> <p>At least an average increase in 5 capacity results by 0.2 to 1.33 for HLURB with a high score of 2 to 3 in the following indicators: Indicator 1, 10, 11, 12 and 14</p>

OUTPUT/ACTIVITY/ SUB-ACTIVITY	PHYSICAL PERFORMANCE		FINANCIAL PERFORMANCE			REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned	
	STATUS OF ACTIVITY	STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE (December 31, 2018)		DELIVERY RATE
Output 1.1 Multi-sectoral stakeholders committee strengthened at national level to oversee and give technical advice on the integration of SLM into LGU's development plans.							
1.1.1 Piloting for Mainstreaming of Integrated Land Management Framework (SLM) in DA and DENR-FMB							
1.1.1.1 Presentation, revision and submission of the Report on Piloting for Mainstreaming ILMF/SLM in DA & DENR-FMB		The members of the Inter-Agency Technical Committee (IATC) provided comments to the Report on Piloting for Mainstreaming ILMF/SLM in the selected strategic plans of DA & DENR-FMB. This has been approved by the IATC.		71305 71360 64398 74598	204,000.00 8,669.44 1,433.18 614.22		Budget committed July, 2016
1.1.2 Final ILMF including the identification of entry points to mainstream the ILMF in DA and DENR-FMB							
1.1.2.1 Presentation, Revision and submission of Final ILMF to BSWM, HLURB, DA, DENR-FMB based on the results of the pilot testing to the Inter-Agency Technical Committee		The CLUP Specialist revised and submitted the report.					
1.1.3 Planning and Assessment							
1.1.3.1 Conduct of UNDP Annual Partners Meeting		The Project Management Office together with the BSWM National Focal Person attended the UNDP Annual Partners' Meeting held on January 17 to 19, 2018 at One Tagaytay Place Hotel Suites, Tagaytay City.	19,736.00 5,863.00 19,600.00 5,138.48 2,202.22 1,011,509.22 4,213.21 26,419.67	71600 73400 75700 64398 74598 71400 71415 71410	19,736.00 5,863.00 19,600.00 5,138.48 2,202.22 927,249.87 4,153.75 23,892.83	92%	
1.1.3.2 Conduct of Periodic Assessment		This will be conducted on December 5 to 7, 2018 in Tagaytay City.	90,000.00 565,882.26 120,000.00 363,650.00 13,440.03 5,232.36 79,775.43 110,050.36 16,922.11 77,903.85	71300 71600 73400 75700 64398 74598 72200 72400 72500 72800	45,000.00 357,882.26 45,000.00 511,530.00 19,267.69 7,729.93 79,775.43 102,143.00 16,204.11 69,673.85	87%	Mid-Year Assessment (DA-SPCMAD) Accounts Payables
Output 1.2 Approved guidelines on SLM mainstreaming into national and local land use							



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plans and investment programs							
1.2.1 Pilot testing of Draft Supplemental Guidelines in the two target municipalities							
1.2.1.1 Conduct of workshops to mentor and coach the planning officers of the two pilot municipalities in the SLM mainstreaming process and preparation of the ILMF Plan		The Training-Workshop on the Preparation of the ILM Plan and Mainstreaming SLM into the CLUP of the LGUs was conducted last April 16-20, 2018 at Bai Hotel, Mandaue City, Cebu. This was attended by 27 participants from the C/MAO, C/MENRO, C/MPDO of Abuyog and Malaybalay City, and resource persons from the BSWM-SCMD, GSITD. The training-workshop was also graced by the National Project Director and Asst. Director of BSWM.	1,000.00	72800	1,000.00	99%	
			1,620.00	74200	1,620.00		
			45,000.00	71300	45,000.00		
			495,870.82	71600	492,836.00		
			10,100.00	73400	10,100.00		
			739,353.07	75700	739,353.07		
			25,451.00	64398	25,998.56		
			11,564.08	74598	11,142.26		
1.2.1.2 Provide technical assistance to the planners of the pilot LGUs in preparing their mainstreaming report		The CLUP Specialist is providing technical assistance to the pilot LGUs in preparing their mainstreaming report. As part of the technical assistance the project conducted a two-day training-workshop on Agricultural Resource Accounting and Environment and Natural Resource Accounting (ARA-ENRA) for Upland and Lowland Agriculture Ecosystems which was held last May 29-30, 2018 at Icon Hotel North Edsa, Quezon City. This was attended by 19 participants from the office of agriculture of Malaybalay City and Abuyog, and representatives from Soil Conservation Management Division, Soil and Water Resources Research Division and Geomatics Soil Information and Technology Division.	100,000.00	71300	100,000.00	100%	
			7,734.75	74500	4,229.75		
			376,675.71	71600	377,130.00		
			19,800.00	73400	19,800.00		
			840,865.00	75700	840,865.00		
			29,418.44	64398	31,545.61		
			13,679.97	74598	13,679.97		
				71360	3,824.42		
1.2.1.3 Presentation, Revision and submission of final report on the pilot testing of the draft supplemental guidelines		The report on the pilot testing of the draft supplemental guidelines was presented on June 18-22 during the Planners' Forum on SLM Mainstreaming into the Development Planning Process		71300	204,000.00		Budget committed 2016
				64398	1,42.32.00		
				74598	605.28		



OUTPUTUT/ACTIVITY/ SUB-ACTIVITY	PHYSICAL PERFORMANCE		FINANCIAL PERFORMANCE				REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned
	STATUS OF ACTIVITY	STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE (December 31, 2018)	DELIVERY RATE	
1.2.2 Supplementary guidelines in mainstreaming SLM in the CLUP and potential investment and incentives for local adoption of SLM							
1.2.2.1 Conduct of the annual HLURB Planners' Forum to orient and train participants on the HLURB-approved guideline on mainstreaming SLM into the CLUP		Completed from June 18 to 22, 2018 in Cagayan de Oro City attended by regional and central representatives of the HLURB offices, BSWM, DA, DENR, DAR, and NEDA.	270,306.5 84,800.00 745,880.00 25,030.44 10,727.32 840.00	71600 73400 75700 64398 74598 74200	270,306.50 84,800.00 745,880.00 25,030.44 10,727.32	100%	
1.2.2.2 Revision and submission of the mainstreaming guidelines and packaging it into Supplemental Guidelines by HLURB		Report on the Piloting of the Supplemental Guidelines is being commented by HLURB.					
1.2.2.3 Internal Review Workshop to refine the draft guidelines on mainstreaming SLM into the CLUP by HLURB Planning Core Group		This will be conducted by January 2019, after the submission of the final Supplemental Guidelines.					
1.2.2.4 Approval and adoption of the final guidelines on mainstreaming SLM into the CLUP and packaging it into Supplemental Guidelines by HLURB							
1.2.2.5 Assessment and recommendations on enabling instruments, potential investment and incentives for the wider adoption by LGUs of SLM mainstreaming guidelines.							
1.2.2.6 Preparation of Board Resolution for the adoption of the Supplementary Guidelines on Mainstreaming SLM in							



OUTPUT/ACTIVITY/ SUB-ACTIVITY	PHYSICAL PERFORMANCE		FINANCIAL PERFORMANCE				REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned
	STATUS OF ACTIVITY	STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE (December 31, 2018)	DELIVERY RATE	
the CLUP							
<b>Output 1.3 Information management system to support SLM integration into LGU's development plans and improving informed land use allocation decisions</b>							
1.3.1 Developed a GIS-based LADA maps incorporating SLM practices and technologies with information/maps accessible and relevant to CLUP preparation of LGUs							
1.3.1.1 Conduct of Focus Group Discussions and Sampling for the Development of Maps based on five areas of interest such as run-off and coastal flooding, erosion, surface crusting and landslide		BSWM-GSITD representatives Mr. Bernardo Pascua and Mr. Irvin Samalca facilitated the informal workshop with the LGU representatives in spot checking the maps per barangay. This was mainly done with the MPDO mappers and MAO agricultural technicians. The focus is the municipal land use map vis-à-vis the data from the MAO as presented during the April 16-20 training-workshop in Cebu. The MAO needs to update and tabulate its data (at least as of December 2017) that will also include coffee and cacao. For this exercise, there is a need to retain the delineation of the municipal's land use, and consider areas which are significant or "mappable" (scale 25,000). The spot checking is inputting the tabulated data from MAO into the land use map.	20,539.00	71600	20,539.00	100%	
<b>Output 1.4 Training-of-trainers from BSWM, DA Regional Offices, DENR and DAR and the PAOs and MAOs/CAOs capacitated in training extension officers from the LGUs in promotion of SLM practices and technologies.</b>							
1.4.1 Conduct of Training of Trainors (ToT) for LGUs, ATI, DA-BSWM and DENR							
1.4.1.1 Submission and acceptance of the Competency Development Program Guide and SLM Training Manual		The CapDev Specialist reported having completed the Competency Development Program Guide. A draft SLM Training Manual has also been completed.		71300 64398 74598 71360	170,000.00 1,433.18 614.22 7,181.71		Budget committed Feb.2017
1.4.1.2 Conduct of ToT for LGUs, ATI, DA-BSWM and DENR and Conduct of Capacity Building on remote sensing, GIS and the preparation of LD indicators and LDI maps		ToT for Bukidnon was conducted last September 17-21 for Bukidnon. It was attended by 40 participants composed of representatives from the City Agriculture Office, City Environment and Natural Resources Office, City Planning and Development Office,	590,646.61 172,800.00 867,649.15 10,000.00 13,584.92 5,822.15 50,000.00	71600 73400 75700 72800 64398 74598 71300	438,692.98 167,800.00 2,019,599.46  49,332.62 21,142.72 20,000.00	159%	



OUTPUT/ACTIVITY/ SUB-ACTIVITY	PHYSICAL PERFORMANCE		FINANCIAL PERFORMANCE				REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned
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		Provincial Planning and Development Office, Bukidnon and Provincial Environment and Natural Resources Office.					
1.4.1.3 Preparation of the draft accomplishment/evaluation report of the ToT		ToT for Leyte was conducted last Documentation reports are being consolidated.					
1.4.2 Conduct of Training on Potential Trainors from DILG and HLURB on Various SLM Management and Physical Technologies for Mainstreaming SLM into the CLUP							
1.4.2.1 Preparation of the draft accomplishment/evaluation report of the ToT		The report has been submitted					
<b>Subtotal</b>			<b>8,124,197.13</b>		<b>9,453,394.80</b>	<b>116%</b>	

Project Output Indicator/s	Baseline	2018 Milestone	2018 Target	End of Project Targets
<b>Outcome 2: Long term capacities and incentives in place for local communities and LGUs to uptake SLM practices in two (2) targeted municipalities in the Philippines.</b>				
<b>Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues.</b>				
2.1 Plant/soil cover in the agricultural land area covering 2,866 ha and forest cover in Barangay Silae	2015	Plant/soil cover to be established during project implementation in the first year  721.65 ha of forest land area	Tree Planting Activity in Bukidnon in collaboration with Malaybalay City ENRO conducted  IEC campaign jointly by DENR (FMB and BMB) and DA on the selection of species for agroforestry and identification of species that are potential host to pests and diseases  Forest Tree Crops with wealth generation potential to be introduced in the area (tree planting) in close collaboration with BMB and FMB	Increase in plant/soil cover ratio from the baseline  No net loss of forest cover in Barangay Silae
<b>Output 2.2 SLM best practices implementation in target City and Municipality</b>				
2.2 Dry Matter (DM) and Organic Matter (OM) Content from 5 sample sites randomly selected from the agricultural land area (151 ha) and forest (12.61 ha) land area of Barangay Tadoc	2015	Sample sites and baseline Dry Matter and Organic Matter to be determined during Year 1 of implementation  12.61 ha of forest land area		Average increase from the baseline in DM and OM of soils in 5 sample sites representing soil fertility of the 151 ha agricultural land area  No net loss of forest cover in Brgy. Tadoc



2.3 Composite Land Degradation Index (LDI) monitoring system for monitoring LD is developed and in place for City of Malaybalay and Abuyog Municipality	2015	No LDI monitoring system in use	LDI monitoring system applied to the two pilot LGUs	LDI monitoring system applied and improved in the target LGUs	Stable or improved composite LDI monitoring system across 20,000 ha in the two municipalities  Agriculture: 3,038 ha Forestry: 734.26 ha Mixed System – 16,227.74 ha
<b>Output 2.3 National and LGU extension services capacitated to incorporate SLM to LD and drought risk areas and deliver targeted support to targeted City and Municipality and farmers with similar agricultural threats</b>					
2.4 Increased in % of SLM guidance delivered by extension services	2015	Lack of SLM modules on the existing Farmer's Field School (FFS)		300 farmers trained in SLM technology through the FFS	100% SLM guidance delivered by extension services through integration of complete SLM modules in the season-long FFS  350 farmers trained in SLM technology through the FFS
2.5 Farming households adopt sustainable agricultural practices and integrated SFM/SLM	2015	There are total 2,924 farming households in the 2 target sites (3 Brgys. out of 46 Brgys. in Malaybalay City and 13 Brgys. out of 63 Brgys. in Abuyog)		At least 300 households adopt sustainable agriculture practices and integrated SFM/SLM practices	At least 585 of the farming households in 2 targeted municipalities (3 Brgys. out of 46 Brgys. in Malaybalay City and 13 Brgys. in Abuyog) adopt sustainable agriculture practices and integrated SFM/SLM practices
<b>Output 2.4 Secure additional finances for SLM investments and align existing financial contributions in the forestry and agricultural sectors to support SLM practices in at least two selected municipalities</b>					

OUTPUT/ACTIVITY/SUB-ACTIVITY	STATUS OF ACTIVITY	PHYSICAL PERFORMANCE		FINANCIAL PERFORMANCE			REMARKS
		STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE	DELIVERY RATE	
Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues.							
2.1.1 Establishment of increased plant/soil cover ratio in the agricultural land area covering 2,887 ha and forest cover in Barangay Silae							
2.1.1.1 Conduct of consultation meeting for the development of IEC materials for the campaign jointly by DENR (FMB and BMB) and DA on the selection of species for agro forestry and identification of species that are potential host to pest and diseases and wealth generation crops		DENR-ERDB provided PMO with a list of forest trees with wealth creation potentials. Meeting with DENR-FMB and ERDB is being set-up to discuss the development of IEC campaign/advocacy materials.	13,900.00	75700			



OUTPUT/ACTIVITY/SUB-ACTIVITY	STATUS OF ACTIVITY	PHYSICAL PERFORMANCE	FINANCIAL PERFORMANCE				REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned
		STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE	DELIVERY RATE	
2.1.1.2 Tree Planting in Bukidnon and Leyte		This was conducted on November 26 to 29, 2018 and December 11-14, 2018	31,885.00 124,800.00 661,200.00 5,192.79 2,225.48 600,622.81 549.76 23,361.92 522,800.00	71600 73400 75700 64398 74598 71400 71410 71415 72300	19,885.00  330,300.00 28,838.28 12,359.26 544,249.15 446.68 18,981.56 456,900.00	71%	
2.1.1.3 Study Visit/Cross Visit for the documentation of SLM best practices		The Bukidnon Team <i>for input upon receipt of the activity report from Ching</i>	216,149.00 34,000.00 8,090.00 13,433.18 8,912.23 400,000.00	71600 73400 75700 64398 74598 71300	216,149.00 34,000.00 8,090.00 1,443.65 618.72 80,000.00	50%	
2.1.1.4 TDF Establishment		The TDF is continually being improved. On April 23-28, 2018, technical staff from the Soil Conservation Division and the Research Center of Dalwangan of the Bureau of Soils and Water Management, and members of the Silae United Agrarian Reform Cooperative (SUARC) conducted (1) fertilizer application (complete and vermi-compost); (2) replanting of fruit trees such as Lanzones, Rambutan, Coconut, Durian, Calamansi and Banana; hedgerow crops such as lemon grass, kakawate, and flamengia; (3) planting of forest trees like Narra and Mahogany; (4) establishment of tree guards and construction of bush dams; and (5) extension of the drainage canals at the footslopes of the farm. To date, there is an estimated 10% mortality in the total planting materials. The cooperator initiated to cover the plants with plastic or sacks to lessen exposure to direct heat. Continuous monitoring and replanting of trees were also conducted at the TDF. Improvements were also done in preparation for the side program (site visit) during the HLURB Planners' Forum from June 18-22, 2018.	154,717.00 54,000.00 118,550.00 22,533.77 9,657.34 628,110.00 48,148.25 55,000.00	71600 73400 75700 64398 74598 72300 72500 72800	154,717.00 54,000.00 118,550.00 17,340.98 7,431.86 268,310.00 48,148.25 55,000.00	66%	With encouragement from the SLM Specialist, the farmer-cooperator of the TDF could serve as resource person during the site visit and demonstrated acquired knowledge, such as knowing the signs of erosion, its causes and solutions, as well change of attitude towards the importance of the techno-demo farm.



OUTPUT/ACTIVITY/SUB- ACTIVITY	STATUS OF ACTIVITY	PHYSICAL PERFORMANCE	FINANCIAL PERFORMANCE			REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned	
		STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE		DELIVERY RATE
Output 2.2 SLM best practices implementation in target City and Municipality							
2.2.1 Determination of Land Degradation Index in Malaybalay City, Bukidnon, Abuyog & Sta. Fe, Leyte project sites							
2.2.1.1 Conduct of ground truthing/validation of soil classification and land use systems mapping in two project sites based on remote sensing and GIS, transect sampling for both sites and mapping of soil taxonomic classes		Ground truthing and validation activities were conducted in Leyte from March 12 to 16, 2018 and in Bukidnon from April 23 to 28, 2018.	175,940.00	71600	175,940.00	99%	
			159,400.00	73400	159,400.00		
			245,045.00	75700	245,045.00		
			17,345.92	64398	17,345.92		
			7,433.98	74598	7,433.98		
			469,078.75	72800	461,108.12		
	For Bukidnon. Prior to fieldwork, the Malaybalay City Agriculture Office, City Planning Division Office, and City Environment Office identified the target barangays with the PMO and BSWM representatives. Ground truthing/validation surveys were conducted in different barangays in Malaybalay City on April 23-28, 2018. The activity comprised of determination of area representative for each land uses and land degradation index particularly areas highly prone to soil erosion wherein soil samples were gathered for soil analysis. For each area sampled, gathering of information were also done through on-site interviews with farm owners, barangay officials, and area technicians.						
	A total of 21 soil samples were gathered from barangays Sinaglanan, Apo Macote, Managok, Busdi, St. Peter, Indalasa, Silae, Miglamin, Can-ayan, Sumpung, Brgy. 9, San Jose, Dalwangan, Kalasungay, Mapayag, Magsaysay, Kulaman, and Burakanan.						
	For Leyte. The PMO and BSWM-GSITD discussed with Sta. Fe, Leyte Municipal Agriculturist, Mr. Pedro Salvoro the activities that will be conducted in the municipality such as mapping of the top flooded areas in the municipality: Barangays Gapas, Badiangay, San Isidro, San Miguelay, Pilit, and Zone 4 in Cabangcalan. Interviews with rice farmers from these areas were conducted, gathering information such as 1) water level; 2) days before the water subsides; 3) fertilizers used; and 4)						



OUTPUT/ACTIVITY/SUB-ACTIVITY	STATUS OF ACTIVITY	PHYSICAL PERFORMANCE	FINANCIAL PERFORMANCE				REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned
		STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE	DELIVERY RATE	
		<p>changes in the production level. Soil samples were obtained from each area to determine the soil's nutrient content. The MAO also provided data on the specific agricultural land use of the municipality by filling out the questionnaire prepared by the GSITD.</p> <p>Likewise, the Municipal Agriculture Office of Abuyog, Leyte also accomplished the same questionnaire on the specific agricultural land use of the municipality.</p> <p>The land use map of Sta. Fe Municipality was also validated through these site visits.</p>					
2.2.1.2 Conduct of Monitoring Activities thru agronomic data collection for LD Assessment and Monitoring and conduct of local technical working group meetings		<p>Monitoring activities were conducted for both sites Malaybalay City, Bukidnon (March 5-11, 2018), and Abuyog, Leyte (May 22-25). For Leyte July 9-11, 2018 July 19-20, 2018 August 2-3, 2018 August 9-10, 2018 August 23-24, 2018 September 6-7, 2018 September 20-21, 2018 During the monitoring, the following parameters were gathered: height of the plant, number of productive and unproductive tillers, weight of filled and unfilled grains, weight of the whole plant (fresh weight and dry weight), weight of the roots (fresh weight and dry weight), weight of the plant above the ground (fresh weight and dry weight), Leaf color using leaf color chart, and plot coordinates. For Bukidnon July 19-20, 2018 August 2-3, 2018</p>	<p>310,172.96 96,500.00 87,620.00 6,870.96 4,789.62</p>	<p>71600 73400 75700 64398 74598</p>	<p>316,954.53 72,000.00 53,120.00 10,797.52 4,627.52</p>	90%	



OUTPUT/ACTIVITY/SUB-ACTIVITY	STATUS OF ACTIVITY	PHYSICAL PERFORMANCE	FINANCIAL PERFORMANCE				REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned
		STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE	DELIVERY RATE	
		<p>August 16-17, 2018 August 30-31, 2018</p> <p>During the monitoring, the following parameters were gathered: distance of plant from first sample to next sample plant height, number of leaves, length and width of leaf, stalk size using caliper, leaf color using leaf color chart and number of corn ears.</p> <p>The whole TDF area in Brgy. Silae, Malaybalay City, Bukidnon was divided into three (3) major areas, namely the ridge, the mid-slope, and the foot-slope which were further subdivided into areas of sampling, i.e. Areas 1 thru 5 for the footslope, Areas 6 thru 9 for the midslope, and Areas 10 thru 12 for the ridge. For every designated area, 10 sample plants were identified representing both the "good" and "bad" plants based on the physical attributes. Data on the height of the plant, leaf area index, stem diameter, root/shoot size ratio and distances between the sample 1 to sample 2 were gathered. Aside from that data weight of corn ears, number of corn ears, number of kernel rows and ear height were also recorded. The data that were gathered were encoded and processed.</p> <p>PRISM or Philippine Rice Information System (PRISM) of PhilRice is being implemented in 20 sites (rice farmlands) in Abuyog, Leyte. It uses a mobile app installed in a cellular phone which is used by the monitoring staff using monitoring field IDs of the rice farms involved in the study. It is also GPS capable. The field monitoring is done every 12 days, which coincides with the satellite pass over the area, until harvesting of the crops. The PMO participated and observed the PRISM staff visit 6 sites and gather information/data such as location via GPS, land area, activity (e.g. land preparation), issues (e.g. flooding), use of</p>					



OUTPUT/ACTIVITY/SUB-ACTIVITY	STATUS OF ACTIVITY	PHYSICAL PERFORMANCE	FINANCIAL PERFORMANCE				REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned
		STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE	DELIVERY RATE	
		herbicides, soil tests, field profiling, interview with farmer-cooperators, pictures of crops (plant height, standing water, etc.). The SLM Project aims to gain from PRISM the process used and captured images and data of areas to complement SLMP data gathering under Outcome 2.  The Leyte Project Management Team met to discuss the following items: 1) Updates on Composite Land Degradation Index Monitoring of Levels 1 & 2 Farms; 2) Tree Planting Activity with SLM Integration; 3) MIC Compact Farming; 4) Schedule of activities; and 5) Environment and Natural Resources Accounting and Cost Benefit Analysis Workshop Output					
2.2.2 Development of the Guideline for the Integration of LDI into the GIS maps and Finalization of the LDI Implementing Guideline							
2.2.2.1 Conduct of Consultation Meetings (i.e. Peer Review) with the SLM and CLUP Specialists and the BSWM Concerned Divisions on the uses, transfer of data for the preparation of land degradation indicators and LDI maps		Consultation meetings are frequently conducted with the Specialists and the Divisions concerned on the data requirements and data consolidation.	38,368.00 117,000.00 4,478.79 1,919.48	71600 75700 64398 74598	37,692.00 108,480.00 3,721.73 1,595.04	94%	
2.2.2.2 Submission of the report on the guideline for the integration of LDI into the GIS maps		The SLM Specialist submitted the report for acceptance of BSWM.	255,695.21 13,799.16	71300 64398 74598 71400 71360	486,00.00 8,805.74 3,773.90 255,695.21 13,799.16	100%	Budget Committed 2016 and 2017  Salary of Field Admin. Assistant
2.2.2.3 Submission of the Final LDI Implementing Guidelines		The SLM Specialist submitted the report for acceptance of BSWM.	59,473.66 10,003.00	71300 64398 74598 71400 71600	108,000.00 1,412.32 605.28 59,473.66 10,003.00	100%	Budget committed Nov.2017  Payables



OUTPUT/ACTIVITY/SUB-ACTIVITY	STATUS OF ACTIVITY	PHYSICAL PERFORMANCE		FINANCIAL PERFORMANCE			REMARKS Challenges/Bottlenecks and plans to address them/Lessons Learned
		STATUS UPDATE/ACCOMPLISHMENT	PLANNED BUDGET	DONOR AND BUDGET CODE	EXPENDITURE	DELIVERY RATE	
			36,503.21 62,900.00 7,997.75	72200 72300 72500	36,503.21 62,900.00 7,997.75		
<b>Output 2.3 National and LGU extension services capacitated to incorporate SLM to LD and drought risk areas and deliver targeted support to targeted City and Municipality and farmers with similar agricultural threats</b>							
2.3.1 Integration of SLM Training Modules to ATI FFS							
2.3.1.1 Conduct of consultation meeting between and among the BSWM, ATI, and LGUs for the Development of SLM Training Modules for the concerned DA Regional Offices and the Regional SWAC of DA-BSWM			23,337.00	75700	16,335.00	70%	
<b>Output 2.4 Secure additional finances for SLM investments and align existing financial contributions in the forestry and agricultural sectors to support SLM practices in at least two selected municipalities</b>							
2.4.1 Conduct of Orientation on the Production Loan Easy Access Program in Leyte							
2.4.1.1 Orientation on PLEA and Training on Farm Planning for the PLEA Applicants in Leyte and Bukidnon		Orientation and training completed for Bukidnon. Follow up activities include consultations between qualified SUARC members and conduit cooperative based in Malaybalay City (PITAC).  Training on Soil and Nutrient Management Practices for Lowland Rice Production in Leyte vis-a-vis Orientation on PLEA is scheduled on September 3-7, 2018.	211,529.00 68,100.00 519,320.00 9,740.69 4,174.6	71600 73400 75700 64398 74598	213,507.00 68,100.00 519,320.00 10,625.48 4,553.8	100%	
<b>Subtotal</b>			<b>6,782,375.27</b>		<b>6,038,454.98</b>	<b>89%</b>	



Project Management Office							
Hiring of PMO Staff		Due to the resignation of the Field Coordinator in Leyte, there was a need to hire and train a new one. Also, the staff from the BSWM-LSD acts as the FC in Bukidnon due to the absence (maternity leave) of the FC. It was decided by the Project Management that the staff will continue to serve as FC in the pilot site. The Project Manager also resigned thus, it was agreed to promote the Project Assistant to Project Officer or its equivalent and hire a Research Assistant as an IC.	488,046.75 412.32 17,521.44	71400 71410 71415	425,787.63 372.63 15,834.75	87%	
Financial Reporting		The Admin and Finance Assistant ensures that all financial reports are submitted such as Financial Status report to the DA-SPCMAD and Funding Authorization and Certificate of Expenditure monthly with Bank Reconciliation and Combined Delivery Report	603,200.33 613.08 26,055.20 4,989.00 55,000.00	71400 71410 71415 71600 73100	563,782.06 573.38 24,368.51 3,681.00 40,000.00	92%	
Conduct of Project Board Meetings		The 4 <sup>th</sup> Project Board Meeting was held last January 10, 2018 at the Cocoon Boutique Hotel, Quezon City.	46,881.78 2,059.83 678.00 97,869.9	75700 64398 74598 71600	46,881.78 1,916.48 821.35 98,582.90	99%	The 5th Project Board Meeting is set on January 15, 2019 for the annual accomplishment reporting and approval of the 2019 AWP.
<b>Subtotal</b>			<b>1,343,327.63</b>		<b>1,222,602.45</b>	<b>91%</b>	
<b>Grand Total</b>			<b>16,250,000.00</b>		<b>16,714,452.24</b>	<b>103%</b>	



#### D. PARTNERSHIPS FORGED

Name of partner	Type	Description of partnership and how it has contributed to project results or sustainability
None for this year		

#### E. INFORMATION, COMMUNICATION, EDUCATION, AND KNOWLEDGE MANAGEMENT

IEC/Knowledge Product produced in 2018	Type	Date published/ produced	Target audience	Link (If available)
HLURB Planner's Forum	Advertisement	July 9, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2136887093235708/2136884036569347/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2136887093235708/2136884036569347/?type=3&amp;theater</a>
Training on Environment and Natural Resources Accounting and Cost Benefit Analysis for Upland and Lowland Ecosystems	Advertisement	July 24, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/events/2061023100829152/">https://www.facebook.com/events/2061023100829152/</a>
On-going training on Environment and Natural Resources Accounting and Cost Benefit Analysis for Upland and Lowland Ecosystems.	Advertisement	July 24, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/photo.php?fbid=10214640868909725&amp;set=pcb.10214640873909850&amp;type=3&amp;theater">https://www.facebook.com/photo.php?fbid=10214640868909725&amp;set=pcb.10214640873909850&amp;type=3&amp;theater</a>
Participants of the ENRA-CBA training in Cagayan de Oro	Advertisement	July 24, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2151683871756030/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2151683871756030/?type=3&amp;theater</a>
Happy National Heroes Day!	Advertisement	August 28, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2187534561504294/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2187534561504294/?type=3&amp;theater</a>
The SLM Project will hold a training on Soil and Nutrient Management Strategies for Improving Lowland Rice Production on September 5-7, 2018 in Tacloban City, Leyte. It aims to improve the capacity of the farmers and extension workers in soil management to achieve better lowland rice production. Participants are expected to identify mineral	Advertisement	August 30, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2189443557980061/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2189443557980061/?type=3&amp;theater</a>



IEC/Knowledge Product produced in 2018	Type	Date published/ produced	Target audience	Link (If available)
deficiencies and toxicities based on their crop characteristics.				
The SLM Project's training on Soil and Nutrient Management Strategies for Improving Lowland Rice Production will teach the participants how to apply the principle of soil and water conservation and soil constraint management. They will be introduced to the principles of Composite Land Degradation Index.	Advertisement	September 1, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2190445277879889/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2190445277879889/?type=3&amp;theater</a>
The SLM Project's training on Soil and Nutrient Management Strategies for Improving Lowland Rice Production will teach the participants how to gather physical observations on the rice plants such as parameters on height, length, number and color of the leaves, root systems, number of tillers, number of grains, etc. Thus, capacitating LGU technicians and farmer-cooperators in the monitoring process. on Soil and Nutrient Management Strategies for Improving Lowland Rice Production will teach the participants how to gather physical observations on the rice plants such as parameters on height, length, number and color of the leaves, root systems, number of tillers, number of grains, etc. Thus, capacitating LGU technicians and farmer-cooperators in the monitoring process.	Advertisement	September 3, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2191672331090517/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2191672331090517/?type=3&amp;theater</a>
The SLM Project's training on Soil and Nutrient Management Strategies for Improving Lowland Rice Production will also conduct monitoring, coaching and mentoring sessions with farmers and technicians to introduce the Composite Land Degradation Index (CLDI) and participatory photo- visual mapping and assessment.	Advertisement	September 4 ,2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://web.facebook.com/slmprojectph/photos/a.2192098914381192/2192098901047860/?type=3&amp;theater">https://web.facebook.com/slmprojectph/photos/a.2192098914381192/2192098901047860/?type=3&amp;theater</a>
Day 1 of the Training on Soil and Nutrient Management Strategies for Improving Lowland Rice Production and CLDI, Monitoring, Coaching and Mentoring	Advertisement	September 05, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2192504821007268/2192504561007294/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2192504821007268/2192504561007294/?type=3&amp;theater</a>
Participants of the Training on Soil and Nutrient Management Strategies for Improving Lowland Rice Production and CLDI, Monitoring, Coaching and Mentoring	Advertisement	September 05, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2192098914381192/2192548121002938/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2192098914381192/2192548121002938/?type=3&amp;theater</a>
ATM: Hands-on soil analysis - Training on Soil and Nutrient Management.	Advertisement	September 05, 2018	Local Government Units, National and Local Government	<a href="https://www.facebook.com/slmprojectph/videos/1165544476954459/">https://www.facebook.com/slmprojectph/videos/1165544476954459/</a>



IEC/Knowledge Product produced in 2018	Type	Date published/ produced	Target audience	Link (If available)
			Agencies, Academe	
Day 2: Sharing of experiences on best practices by one of the award winning farmers, and SLM adoptive land management by the project consultant and coordinators.	Advertisement	September 6, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2193114697612947/2193114517612965/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2193114697612947/2193114517612965/?type=3&amp;theater</a>
Final Day: Farm visit and sharing of experiences and crop management strategies from a Gawad Saka awardee. SLM consultants provided valuable knowledge on monitoring crop behavior and indicators.	Advertisement	September 7, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2193698794221204/2193698380887912/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2193698794221204/2193698380887912/?type=3&amp;theater</a>
The Sustainable Land Management (SLM) Project will be heading to Malaybalay City to conduct the Training of Trainers on Composite Land Degradation Index Monitoring System (CLDIMS) on September 17-21, 2018. This is a capacity development initiative for the pilot LGUs and partner government agencies.	Advertisement	September 11, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2195929987331418/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2195929987331418/?type=3&amp;theater</a>
The Sustainable Land Management (SLM) Project will be heading to Malaybalay City to conduct the Training of Trainers on Composite Land Degradation Index Monitoring System (CLDIMS) on September 17-21, 2018. This is a capacity development initiative for the pilot LGUs and partner government agencies.	Advertisement	September 11, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2195929987331418/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2195929987331418/?type=3&amp;theater</a>
The Training of Trainers (ToT) is meant to build a foundation of understanding for future trainers by learning the principles of land degradation and what their implications are in terms of sustainable land management practices and local development planning.	Advertisement	September 12, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2196560137268403/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2196560137268403/?type=3&amp;theater</a>
The Training of Trainers (ToT) is a five-day program where participants will familiarize themselves with the Composite Land Degradation Index Monitoring System (CLDIMS) established by the SLM Project.	Advertisement	September 14, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2197309353860148/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2197309353860148/?type=3&amp;theater</a>
The Sustainable Land Management (SLM) Project invited farmer-leaders, agricultural technicians, extensions workers and technical staff who will later on assist in the roll out of the CLDI Monitoring System. Looking forward to seeing them all tomorrow!	Advertisement	September 16, 2019	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2198397237084693/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2198397237084693/?type=3&amp;theater</a>
Participants of the Training of Trainers (Malaybalay, Bukidnon)	Advertisement	September 18, 2018	Local Government Units, National and Local Government	<a href="https://www.facebook.com/slmprojectph/photos/a.2192098914381192/2199609020296848/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2192098914381192/2199609020296848/?type=3&amp;theater</a>



IEC/Knowledge Product produced in 2018	Type	Date published/ produced	Target audience	Link (If available)
			Agencies, Academe	
Training of Trainers, Day 2: Demo farm trip to Brgy Silae for documentation, monitoring and data gathering. Partipants also did a transect walk for soil health assessment.	Advertisement	September 19, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2200142746910142/2200141246910292/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2200142746910142/2200141246910292/?type=3&amp;theater</a>
Training of Trainers on Composite Land Degradation Index Monitoring System Day 1: Lectures on soil erosion and nutrient migration, Carbon stocking, patterns of continuity of loss and enrichment corridor, corn and rice monitoring and assessment experiences on the field (Brgy Silae in Malaybalay and Sta Fe, Leyte).	Advertisement	September 20, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2200565513534532/2200564930201257/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2200565513534532/2200564930201257/?type=3&amp;theater</a>
Geospatial Analysis and GIS-Based Land Mapping for SLM by the BSWM-Geomatics Team.	Advertisement	September 20, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2200693213521762/2200692160188534/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2200693213521762/2200692160188534/?type=3&amp;theater</a>
Training for Trainers, Last Day - The Project is not sustainable without our partners! We value their inputs how all stakeholders can help the farmers to practice sustainable land management (SLM).	Advertisement	September 21, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2201113550146395/2201112296813187/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2201113550146395/2201112296813187/?type=3&amp;theater</a>
The SLM Project is bringing the Training of Trainers (ToT) on Composite Land Degradation Index Monitoring System (CLDIMS) to Tacloban City on October 1-5, 2018. This is a capacity development initiative for the pilot LGUs and partner government agencies in Leyte.	Advertisement	September 25, 2019	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2203249973266086/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2203249973266086/?type=3&amp;theater</a>
This Training of Trainers (ToT) is meant to develop a composite land degradation index (CLDI) for determining the type, degree and extent of land degradation in a micro-watershed.	Advertisement	September 26, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2203860146538402/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2203860146538402/?type=3&amp;theater</a>
One of the ToT's objectives is to develop a photo-visual assessment that can be used for training the farmers in the identification, monitoring, and assessing farm-level degradation in the cultivated areas in the watershed.	Advertisement	September 28, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2204625236461893/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2204625236461893/?type=3&amp;theater</a>



IEC/Knowledge Product produced in 2018	Type	Date published/ produced	Target audience	Link (If available)
The ToT is designed to share with local government units the lessons learned from the hands-on CLDI determination.	Advertisement	September 30, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2205688653022218/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2205688653022218/?type=3&amp;theater</a>
Opening program of the Training of Trainers (ToT) on CLDIMS. Participants are given an overview of the SLM Project and what to expect in the days ahead.	Advertisement	October 1, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2206235959634154/2206234899634260/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2206235959634154/2206234899634260/?type=3&amp;theater</a>
Day 2: Training of Trainers on CLDIMS - SLM Consultant Dr Roger Concepcion lectured on land degradation and soil erosion. ; SLM Project Manager Bayani Barcenas reviewed the major concepts through group exercises.	Advertisement	Ocotber 3, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2207137109544039/2207136232877460/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2207137109544039/2207136232877460/?type=3&amp;theater</a>
Day 4 of SLM Project's Training of Trainers on CLDIMS ; Discussion on geospatial analysis of land degradation and its application. Participants from Bukidnon also flew in for a cross-site visit. They will join the hands-on monitoring and assessment activities tomorrow in Sta Fe.	Advertisement	October 4, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2207661919491558/2207658732825210/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2207661919491558/2207658732825210/?type=3&amp;theater</a>
Day 5 of SLM Project's Training of Trainers on CLDIMS. Participants from Leyte and Bukidnon performed hands-on monitoring this time on the rice field.	Advertisement	October 5, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2208264096098007/2208263209431429/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2208264096098007/2208263209431429/?type=3&amp;theater</a>
Sustainable land management (SLM) practices contribute to enhancing local biodiversity. Someone in our PMO is aware how land use and decline in habitat quality affect his beloved birds.	Advertisement	October 18, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/WetlandsInternationalPh/photos/pcb.2181629181847854/2181629018514537/?type=3&amp;theater">https://www.facebook.com/WetlandsInternationalPh/photos/pcb.2181629181847854/2181629018514537/?type=3&amp;theater</a>
ATM: SLM Project Consultant Roger Concepcion presenting at the BSWM Mancom Meeting.	Advertisement	November 5, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2224187891172294/2224165221174561/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2224187891172294/2224165221174561/?type=3&amp;theater</a>
ATM: Peer review presentation from Doc Con.	Advertisement	November 6, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2224738651117218/2224738577783892/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2224738651117218/2224738577783892/?type=3&amp;theater</a>



IEC/Knowledge Product produced in 2018	Type	Date published/ produced	Target audience	Link (If available)
The SLM Project will be conducting a five-day geographic information system (GIS) skills training on November 19-23 in Cebu City, Cebu; Capability Enhancement in Managing Spatial Data for Sustainable Land Management" will include basic GIS data handling, analysis, and mapping.	Advertisement	November 15, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2229551347302615/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2229551347302615/?type=3&amp;theater</a>
Capability Enhancement in Managing Spatial Data for Sustainable Land Management; November 19-23, 2018 - This skills training will guide GIS practitioners to: effectively design map products, advance skills in spatial data management and analysis, and establish minimum standard for geodatabase structure for land degradation assessment.	Advertisement	November 18, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2231690590422024/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2231690590422024/?type=3&amp;theater</a>
The SLM Project, together with partner LGUs in Bukidnon, will hold an orientation and tree planting activity on November 26-30 in Malaybalay City. The orientation aims to introduce upland farmer-households to the right information on the benefits and advantages of the Sustainable Land Management (SLM) practices on their respective farm lots.	Advertisement	November 19, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2232267893697627/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2232267893697627/?type=3&amp;theater</a>
ATM: Capability Enhancement in Managing Spatial Data for Sustainable Land Management, Cebu City	Advertisement	November 19, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2232288020362281/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2232288020362281/?type=3&amp;theater</a>
Participants of the GIS skills training with the PMO in Cebu City.	Advertisement	November 19, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2232428417014908/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2232428417014908/?type=3&amp;theater</a>
Second day of GIS Training	Advertisement	November 20, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2232980876959662/2232980496959700/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2232980876959662/2232980496959700/?type=3&amp;theater</a>
GIS Training afternoon session (Day 2)	Advertisement	November 19, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2233016970289386/2233016600289423/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2233016970289386/2233016600289423/?type=3&amp;theater</a>
Orientation and Tree Planting, November 27-30, 2018, Malaybalay City, Bukidnon - Orientation participants will learn the principles of soil and water conservation, protection of water quality via adequate buffer, and biological pest management.	Advertisement	November 21, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2233312296926520/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2233312296926520/?type=3&amp;theater</a>



IEC/Knowledge Product produced in 2018	Type	Date published/ produced	Target audience	Link (If available)
Day 3 of the GIS Skills Training, BSWM GSITD in action to help participants in Spatial Data Analysis: Introduction to Arc Toolbox	Advertisement	November 21, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2233447340246349/2233486543575762/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2233447340246349/2233486543575762/?type=3&amp;theater</a>
Day 4 of GIS Skills Training: Participants were introduced to the spatial data analysis functions of ArcGIS.	Advertisement	November 22, 2018	Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/pcb.2234128863511530/2234126933511723/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/pcb.2234128863511530/2234126933511723/?type=3&amp;theater</a>
The orientation next week will include focus on community-based forest management and proper techniques in tree seedlings establishment. There will also be a basic information, education and communication (IEC) lecture.; SLM Practices in Upland Barangays in Malaybalay: Orientation and Tree Planting; November 27-30, 2018 - Malaybalay City, Bukidnon	Advertisement		Local Government Units, National and Local Government Agencies, Academe	<a href="https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2234598426797907/?type=3&amp;theater">https://www.facebook.com/slmprojectph/photos/a.2136887089902375/2234598426797907/?type=3&amp;theater</a>
<b>Was the project cited / quoted / featured in media reports / articles?</b> <i>If yes, please provide link to article / video.</i>				

**F. ACTIONS TAKEN REGARDING AUDIT AND/OR SPOT CHECK FINDINGS**

*Describe actions taken to address the findings from the audit / spot check as applicable*

Audit/Spot check recommendation/s	Action taken	Responsible person	Implementation date
No audit this year			

**G. RISK LOG UPDATE**

*Assess identified risks and record new risks that may affect project implementation:*

No.	Description	Date Identified	Type	Status	Countermeasures / Management response (What actions have been taken/will be taken to counter this risk)
1	The declaration of Martial Law in Mindanao led to the issuance of a Security Advisory: Temporary Movement Restrictions in Mindanao	June 2017	Political	Medium-level risk: may cause delay in project implementation	Close coordination with the local government units in Bukidnon continuously being observed to ensure staff safety and planned activities are implemented within the desired timeframe.



No.	Description	Date Identified	Type	Status	Countermeasures / Management response (What actions have been taken/will be taken to counter this risk)
2	Partner individual consultants unable to deliver outputs as scheduled, compromising the timing of inputs to the next activity	June 2017	Strategic	High-level risk: may cause delay in project implementation	The project continues to hold dialogues/consultations with focal experts and institutions to delineate project outputs and deliverables.

#### H. MONITORING & EVALUATION

<b>Total Spent on Monitoring in 2018</b>	Php4,168,480.94	<b>Total spent on Decentralized Evaluations in 2018 (Mid Term / Final)</b>	
Is the project's M&E Plan being adequately implemented? Are progress data against indicators in the project's RRF being reported regularly using credible data sources and collected according to the frequency stated in the M&E Plan?		<p>Yes, the Project's M&amp;E Plan is adequately implemented. According to the M&amp;E Plan the following activities was conducted: 1) Conduct of an Inception Workshop which happened last December 2015; 2) Submit quarterly reports to UNDP (QPR) and DA-SPCMAD; 3) Submit Project Implementation Reports (PIR for June 2017 to June 2018); and 4) Conduct of Field Monitoring Visits: For Bukidnon - July 19-20, 2018, August 2-3, 2018, August 16-17, 2018 and August 30-31, 2018 while for Leyte - July 9-11, 2018, July 19-20, 2018, August 2-3, 2018, August 9-10, 2018, August 23-24, 2018, September 6-7, 2018 and September 20-21, 2018.</p> <p>Yes, the progress data are being report against indicators in the PRF as reported in the QPRs.</p>	



I. MAINSTREAMING GENDER EQUALITY

*Incorporation of gender perspectives in various outputs and activities by giving emphasis on gender-sensitive concerns especially in leadership roles, decision-making processes, capacity-building and protection of women, including the children and elderly*

1. Qualitative description

<div>-</div>	<b>In Governance Mechanisms</b> <i>(Participation in Project Board (including representation of PCW), TWGs, Experts' Group and other governance mechanisms set up by the Project, e.g. National multi-sectoral committees)</i>
	Women are represented in the governance mechanisms of the Project. At the level of the Project Management Office, the SLM Project is equally staffed by women and men. Both men and women are given equal opportunity during the hiring process. Leadership and management roles are equally shared, regardless of gender.
	Representatives from the different NGAs involved in the SLM Project are already recipients of GAD Programs in their respective offices.
	The Project Board and its sub-committees such as the Inter-Agency Technical Committee and the two (2) Local Technical Working Groups in Bukidnon and Leyte are equally represented by men and women.
<div>-</div>	<b>In Capacity Building and Policy, Planning and Programming</b>
	This project does not specifically target women as direct beneficiaries but there are farmer-members of the target Farmers' Associations in the project areas (e.g. the Silae United Agrarian Reform Cooperative of Malaybalay City, Bukidnon) who are women and are actively involved in the project activities. Under the project, equal opportunities are given to women to participate in meetings, workshops, and trainings. Activities planned do not discriminate or target a specific gender group, and aim to be as inclusive as possible.
<div>-</div>	<b>Women's Empowerment Key Results</b>
	At this juncture, concrete women empowerment results are not yet visible but the participation of women in the capacity building activities so far serves as open learning opportunities for them which are applicable and useful in other areas of their household and community life. In the context of techno-demonstration, women farmer-cooperators take the lead in the execution of plans and activities.

2. Gender issues

No	Gender issues identified	How the project is addressing identified gender issues
1	N/A	

3. Disaggregation of data of Beneficiaries/Participants of Activities conducted under the Project

Project Activities	Number of beneficiaries/participants	Gender disaggregation	Remarks (if any)
Training on Farm Planning	23	FEMALE (14) MALE (9)	
CLDI Coaching and Mentoring in Brgy. Silae	18	FEMALE (7) MALE (11)	
Training on the Preparation of the ILMF Plan and Guidelines on Mainstreaming SLM in the CLUP	20	FEMALE (13) MALE (7)	
Training on Agricultural Resource Accounting and Environment and Natural Resources Accounting for Upland and Lowland Agriculture	13	FEMALE (8) MALE (5)	



Project Activities	Number of beneficiaries/participants	Gender disaggregation	Remarks (if any)
Training on Environment and Natural Resource Accounting and Cost Benefit Analysis for Upland and Lowland Ecosystems	71	FEMALE (45) MALE (26)	
Mainstreaming of Sustainable Land Management Practices to the Malaybalay City Agriculture and Fisheries Modernization Plan	90	FEMALE (36) MALE (54)	
Training on Soil and Nutrient Management for Lowland Rice Production	40	FEMALE (20) MALE (20)	
Training of Trainers on CLDIMS in Leyte	49	FEMALE (29) MALE (20)	
Training of Trainers on CLDIMS in Bukidon	28	FEMALE (15) MALE (13)	
Capability Enhancement in Managing Spatial Data for Sustainable Land Management	15	FEMALE (3) MALE (12)	
Orientation on Sustainable Land Management Practices in Upland Barangays of Malaybalay City and Tree Planting (1 <sup>ST</sup> Batch)	58	FEMALE (32) MALE (26)	

#### 4. Classification of Gender responsiveness<sup>2</sup>

<b>Classification of gender-responsiveness:</b> <b>Project Implementation, Management, Monitoring and Evaluation (PIMME)</b> <i>Select one</i>	<b>A:</b> Project is <b>gender-responsive</b> (15.0-20.0)
	<b>B:</b> Project is <b>gender-sensitive</b> (8.0-14.9)
	<b>C:</b> Project has <b>promising</b> GAD prospects (4.0-7.9)
	<b>D:</b> Gender and development (GAD) is <b>invisible</b> in the proposed project (0-3.9)

Prepared by:

**GINA P. NILO**

Chief, Laboratory Services Division and  
Focal Person, UNDP-GEF 5 SLM Project

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Noted by:

**ANGEL C. ENRIQUEZ, CESO III**

OIC-Director, BSWM and  
National Project Director  
UNDP-GEF 5 SLM Project  
Implementing Partner

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Noted by:

**FLORADEMA C. ELEAZAR**

Programme Team Leader  
UNDP

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

<sup>2</sup> Scoring based on Box 16 and 17 of the Harmonized Gender and Development Guidelines on Project Development, Implementation, Monitoring and Evaluation, 2<sup>nd</sup> ed ([download here](#))