

Documentation Report

Year-end Assessment and Planning Workshop

UNDP-GEF Supported DA-BSWM Project on the Implementation of Sustainable Land Management (SLM) Practices to Address Land Degradation and Mitigate Effects of Drought



BUREAU OF SOILS AND WATER MANAGEMENT
Department of Agriculture

December 5-7, 2018
Lake Hotel, TAGAYTAY CITY

Summary

Name of Workshop: 2018 Year-end Assessment and Planning Workshop	Duration/Date: 3 days [December 5-7, 2018]	Venue: Lake Hotel, Tagaytay City
Background: <ul style="list-style-type: none">The implementation of Sustainable Land Management (SLM) Practices to Address Land Degradation and Mitigate Effects of Drought (also known as Sustainable Land Management Project or SLMP), is a three-year project (2015-2018) implemented by the United Nations Development Program (UNDP) and executed by the Department of Agriculture - Bureau of Soils and Water Management (DA-BSWM). The project aims at strengthening the SLM frameworks to address land degradation challenges; and mitigate the effects of drought in order to contribute to the enhancement of an integrated natural resource management in the country. The project is expected to yield two outcomes: 1) Effective national enabling environment to promote integrated landscape management; and 2) Long-term capacities and incentives in place for local communities and Local Government Units (LGUs) to uptake of SLM practices in two targeted Local Government Units (LGUs) in the Philippines, namely, Abuyog, Leyte and Malaybalay City, Bukidnon.The project has already conducted various activities that provide wealth of information and knowledge on SLM/Adaptive Land Management (ALM). In its final year of implementation, the project stakeholders are collected to discuss and document the project's achievements and challenges in sustaining the positive results the project had generated.		
Objectives: <ul style="list-style-type: none">To assess the status of project activities planned for 2018To assess the overall achievements of the project interventions against its results indicatorsTo draft the project's 2019 work plan, andTo make an outline of the project's sustainability plan	Main Contents (See Annex 1): Explanation about the contents and processes of the workshop, quick review of the 2018 planned activities and the project's results framework, workshop by LGU: assessment on the status of 2018 planned activities, factors affecting performance and lessons learned, plenary assessment on the achievements for Outcomes 1 and 2, updates on the consultant's deliverables, plenary workshop for 2019 work planning, plenary workshop for sustainability planning, presentation of workshop results	
Methodologies: <ul style="list-style-type: none">lectures, power-point presentationsworkshops by LGUplenary workshops		
Participants: 32, 16 women (Annex 2) UNDP: 1 IIRR: 1 DILG: 1 DA-ATI: 1 Leyte: 7 DA-SPCMAD: 2 Bukidnon: 4 BSWM-GSITD: 1 DAR: 1 BSWM: 1 DENR: 1 PMO: 7 Consultants: 4	Actual Outputs of the workshop: <ul style="list-style-type: none">Assessment of the 2018 work plan-Abuyog (Annex 3)Assessment of the 2018 work plan-Malaybalay (Annex 4)Assessment of project achievements at the results level (Annex 5)Draft 2019 work plan (Annex 6)Outline of the 2019-2021 Sustainability Plan (Annex 7)	
Next Steps: <ol style="list-style-type: none">PMO to forward the sustainability plans encoded via email to the participants for finalization (reviewed and approved) – same will be used for the official communication to be sent to partner organizations (December 2018)PMO to make an Official communication on the commitments made during the 2018 YEAPW, provide feedback or commitments for presentation to the PB members: to be mainstreamed in the agency's activity with budget allocation (January 2019)<ul style="list-style-type: none">Mayor of Malaybalay City, BukidnonMayor of Abuyog, Leyte		

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I. Introduction

1.1 Background and rationale

1. Based on the request of the Government of the Philippines (GOP), the United Nations Development Program (UNDP) with financial support from the Global Environment Facility (GEF), is supporting the Bureau of Soils and Water Management (BSWM) of the Department of Agriculture (DA) implement the 3-year project on Implementation of Sustainable Land Management (SLM) Practices to Address Land Degradation and Mitigate Effects of Drought (also abbreviated as, the SLM Project), from 2015 to 2018 and subsequently extended up to June 2019.
2. With 2018 considered operationally as its final year of implementation, the SLM project collects its key stakeholders to take stock of the project experiences and lessons necessary for crafting collective actions to sustain project gains.

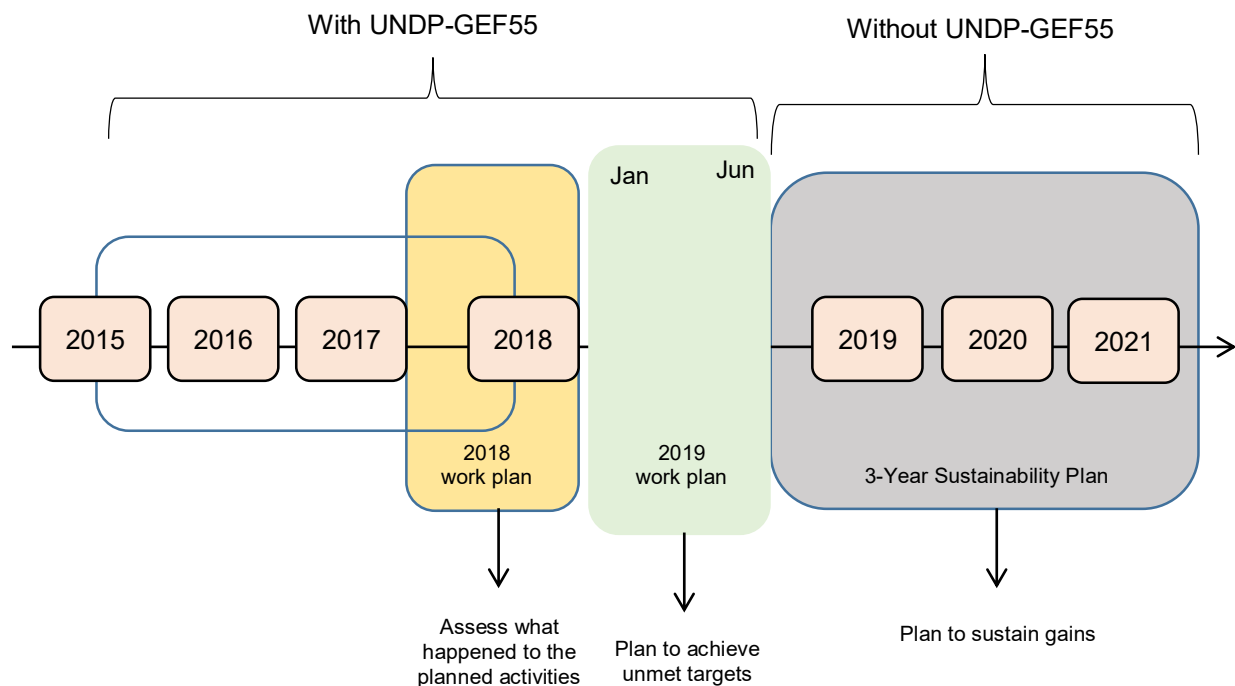


Fig. 1: The SLM Project Life and Objectives of the Workshop

1.2 Objectives

3. The objectives of the Workshop were four-fold: (i) to assess the status of activities collectively planned for 2018, (ii) to assess the achievement of the project's overall interventions against its results indicators; (iii) to draft the 2019 work plan, and (iv) to outline the project's 3-year sustainability plan.

1.3 Outline of the contents of the workshop

4. The assessment aspect of the workshop contained (i) participatory appraisal by Abuyog and Malaybalay LGUs of the activities they planned in 2017 for 2018, (ii) plenary presentations of some consultants on the status of their deliverables, and (iii) the consolidated presentation of PMO on the status of project achievements as against its designed results indicators.
5. The planning aspect of the workshop contained plenary discussions that led to the draft formulation of the project's 2019 work plan and the outline of the stakeholders' project sustainability plan for 2019-2021. See Annex 1

1.4 Methodologies

6. Assessment and planning workshop forms (or templates) were prepared and consequently explained during the workshop. Activity level assessment workshops were performed by LGU representatives of Abuyog/Leyte and Malaybalay City/Bukidnon, while consultants individually made presentations on the updates of their respective deliverables. PMO consolidated the project's accomplishments and made a presentation on the overall project achievements as against its results indicators. The work planning for 2019 and the sustainability planning for 2019-2021 were conducted in plenary forms.
7. Explanations and discussions were aided with visualization methods e.g., power-point presentation. Liberal discussions were allowed while mindful of the time limitations and "ice breakers" (mostly group dancing) were performed participatively in between times. An informal get together "social interactions" were facilitated on the second evening of the workshop.

1.5 Participants

8. The number of participants was 32, 50% of whom are women. In addition to DA offices, other partner organizations were fairly represented during the workshop. Such organizations include: DILG, DAR, DENR and IIRR. See Annex 2 for the complete list of participants.

II. Highlights

2.1 Day 1 (Wednesday): December 5, 2018

9. The participants were billeted in the venue (The Lake Hotel-Tagaytay City) in the evening of December 4th. BSWM representatives could not come on December 5th because of an equally important activity of BSWM and the DA that required a “must attendance”. The UNDP representative (Ms. Grace Tena) conducted a meeting with PMO staff.
10. With 7 LGU staff representing the pilot areas of Leyte and four for the pilot areas of Bukidnon, the first session of the Workshop started at 1:00 PM of December 5th by a prayer led by Ms. Dulce Tweetie Jan Jorda, Field Coordinator for Leyte who also made a short introduction about the workshop facilitator. This was followed by explaining the background and purpose of the workshop by Engr. Rey Gerona, the workshop facilitator, who also did the facilitation of SLMP year-end assessment and planning workshops in previous years.
11. In explaining the background and purpose of the workshop, Mr. Gerona refreshed the memories of the participants by presenting the lifelines of SLM project (drawing diagram) i.e., with UNDP-GEF assistance (2015-2018 and part of 2019) and without UNDP-GEF assistance (part of 2019 and 2 years thereafter). Towards the end of 2017, the SLMP stakeholders (with most of the participants now present that time) formulated the 2018 work plan. One of the purposes therefore of this workshop is to assess what happened to the planned activities for 2018. Engr. Gerona said that the other purpose of the participants coming to this activity is to formulate a work plan for the remaining project period (with UNDP-GEF assistance) from January 2019 to June 2019, and a 3-year sustainability plan spanning part of 2019 until December 2021 (without UNDP-GEF assistance).
12. After having the participants familiarized the formats for (i) assessing the status of planned activities for 2018, (ii) identifying the factors affecting SLMP performance (in Bukidnon and Leyte); and (iii) identifying lessons that were learned based on SLMP experiences, Engr. Gerona in cooperation with Ms. Mariell Evasco, brought the participants into a workshop process with Bukidnon participants into one group separately with Leyte participants. After an-hour workshop process, the Leyte group made a report of their workshop output. This was followed by the reporting of the Bukidnon workshop group.
13. For the year 2018, eight (8) activities were planned by both the Abuyog/Leyte team and the Malaybalay/Bukidnon team. These activities were related and distributed to the four (4) Outputs under Outcome 2. For Abuyog/Leyte team, five (5) of the eight (8) planned activities were completed, two activities are ongoing and another was not conducted (see Table 1, below). The activity that was not conducted was the study visit to Bukidnon which was planned to document SLM best practices (the visit was scheduled during off season and therefore no vegetation could be observed). The ongoing activities are the collection of agronomic data for second cropping LD assessment & monitoring and the conduct of consultation meeting with specialists and BSWM officers concerning use and transfer of data. Consultation meetings are continuously conducted through electronic mail exchange.
14. The Malaybalay City/Bukidnon team, on the other hand, has completed six (6) of the eight (8) activities planned for 2018. The tree planting activity and the conduct of consultation meetings with specialists and BSWM officers concerning use and transfer of data are considered ongoing activities. Only 50 seedlings have been planted out of the targeted 600 seedlings. According to Malaybalay City/Bukidnon team, the delivery of the seedlings was done during non-planting season thus the postponement of planting activities to the

early part of 2019. This was partly affected by the vacuum created by the absence and turn-over of PMO Field Coordinator for Bukidnon. The consultation meetings, on the other hand, are continuously conducted by exchanging electronic mails.

Table 1: Status of planned activities for 2018

Planned activities	Status	
	Abuyog/Leyte	Malaybalay/ Bukidnon
1) Plant trees	Completed	Ongoing
2) Conduct study visit	Not conducted	Completed
3) Establish TDF	Completed	Completed
4) Conduct ground truthing	Completed	Completed
5) Collect agronomic data for LD assessment & monitoring	Ongoing	Completed
6) Conduct consultation meetings with specialists & BSWM offices re use & transfer of data	Ongoing	Ongoing
7) Participate in GIS-related training	Completed	Completed
8) Participate in the orientation about PLEA program	Completed	Completed
Source: Workshop outputs of Abuyog and Malaybalay teams		

15. The Abuyog/Leyte team was not able to conduct the “study visit” (to Bukidnon) because the visit was scheduled during an off-season where there was no observable vegetation in Bukidnon project sites. The Abuyog/Leyte team attributed this to inadequacies in meeting coordination requirements caused by the resignation of the PMO Field Coordinator in May 2018. Nevertheless, most of the planned activities for 2018 were completed and Abuyog/Leyte team wished to conduct the study visit to Bukidnon project sites in 2019.
16. According to Malaybalay City/Bukidnon team, the tree planting activity was not completed on time because the seedlings were delivered at a time when planting season was about to end, accomplishing only 8% of the targeted 600 seedlings to be planted within 2018. The team plans of continuing the tree planting activity at the onset of the planting season in 2019.
17. Particularly for Abuyog/Leyte team, the factor that facilitated the completion of most of the planned activities for 2018 was the continued interest of LGU extension workers in mobilizing resources from other government offices for the project. For instance, when the team sensed that the delivery of seedlings would be late for the planting season, the team (LGU staff, agricultural extension workers) carried out activities that facilitated the granting of DA-RFU VIII of necessary seedlings for planting in the project sites.
18. Particularly for Malaybalay City/Bukidnon team, the following lessons have been learned so far based on the experiences of implementing the SLM project: that, (i) it is important to determine or define “best practices” in the beginning so that they can be written with ease during the course of project implementation; and (ii) that, in order to ensure greater chances of project sustainability, the implementing organization (e.g., BSWM) of a foreign-assisted project (e.g., SLMP) allocates enough resources to mainstream introduced technologies in regular programs and projects of LGUs. See Annexes 3 and 4 for the assessment results of the 2018 work plans of Abuyog/Leyte and Malaybalay/Bukidnon teams.

2.2 Day 2 (Thursday): December 6, 2018

19. With BSWM officials, consultants and representatives of partner agencies present, the Workshop activities started at 9:30 in the morning by saying a prayer and by singing of the Philippine national anthem led by Ms. Dulce Tweetie Jorda, Field Coordinator for Abuyog/Leyte. Mr. Vince Albert Ching, Field Coordinator for Malaybalay City/Bukidnon, called on Dr. Gina Nilo, National Focal Person of SLMP to explain the rationale of the workshop.
20. In explaining the rationale of the workshop, Dr. Nilo, started by refreshing the participants about the cooperation and partnership framework of SLM project (Table 2 below). SLMP was supposed to end in August 2018 but was extended up to June 2019. Dr. Nilo continued by explaining that the national and regional challenge SLMP is trying to respond to is about the BSWM being designated as the focal agency of the UNCCD thus representing the Philippines in combating desertification and drought. SLMP is the first national project funded by GEF.

Table 2: Basic information about SLMP

Funding agency	Global Environment Facility (GEF)
Implementing partner	United Nations Development Programme (UNDP)
Executing agency	DA-Bureau of Soils and Water Management (BSWM)
Responsible partners	DA, DENR, DAR, DILG, HLURB, NEDA, NCIP, Academe, CSOs, LGUs of Malaybalay City, Bukidnon and Abuyog, Leyte
End of project cooperation	June 30, 2019
Source: Presentation materials of Dr. Gina Nilo, SLMP National Focal Person	

21. Dr. Nilo said that the SLMP implementation has created opportunities, one of which is the mainstreaming of SLM in the CLUPs of the LGUs. This will not only sustain the innovation introduced by BSWM (and UNDP and GEF) but also strengthen the convergence and partnership of HLURB, DENR-FMB, DA-BSWM and LGUs. Another opportunity is about the establishment of an institutional mechanism to address land degradation at the local and national levels. Through the project, an Inter-Agency Technical Committee (IATC) at the national level was already created, while Local Technical Working Groups (LTWGs) were also created at the local levels (for Bukidnon and Leyte).
22. The project has also introduced science-based capacity development trainings on community-level adoption and adaptation of SLM, development of land degradation index (LDI) and training of SLM trainers. The SLMP implementation has created potentials for further program development. Through the LD-based mapping activities of SLMP, key production areas could be identified and farmers' productivity could be monitored. Dr. Nilo stressed that SLM is not anymore a technology only but has become a community effort to sustain agricultural lands where land degradation is assessed and monitored. SLM-trained farmers could also become beneficiaries of the ongoing DA programs such as the Production Loan Easy Access (PLEA) Program and Weather Index-based Insurance (WIBI), and Juan Magsasaka at Mangingisda National Database System.

23. After reiterating the objectives of the workshop, Dr. Nilo refreshed the participants of the objectives, indicators and targets of SLMP. Picking up the main points of Dr. Nilo, Engr. Gerona made a presentation about the overview of the workshop (contents and processes) and explained what the Bukidnon and Leyte teams did in Day 1. Engr. Gerona also explained the workshop activities for Day 2 (December 6th) and Day 3 (December 7th), where plenary workshops could be expected to catch up with the workshop schedules.



Fig. 2: Program of activities of the Workshop

24. Ms. Jorda made a presentation of the results of the workshop exercise of the Abuyog/Leyte team. The presentation of Ms. Jorda was followed by the presentation of Mr. Ching of the results of the workshop by Malaybalay City/Bukidnon team. The presentations of the results of the workshop exercises of pilot LGUs was followed by an open forum to entertain clarifications on the workshop results of pilot LGUs. Mr. Jerome Montemayor, representing IIRR (a Project Board member) asked if .shp files could be made available to pilot LGUs because these were not given during the GIS-related training in Cebu.
25. Mr. Bernardo Pascua of BSWM-GSITD promised to provide the .shp files to Abuyog and Malaybalay City LGUs during the workshop (either December 6th or 7th). Mr. Elizer Balleras who was representing DAR clarified if tree planting was completed on time. Ms. Nenita Sultan of Abuyog/Leyte team clarified that the tree planting activity was completed as scheduled with the seedlings being sourced out from other LGU offices (e.g., Office of the Provincial Agriculturist) and national government agencies (e.g., DA-Regional Field Unit-VIII). Mr. Vicente Dayanghirang Jr., representing DA-Agricultural Training Institute, stressed a conclusion that one of the facilitating factors therefore was the brokering skills of the extension workers that made possible the availability of seedlings for tree planting activity.
26. The presentations of the assessment results of the 2018 work plans of Bukidnon and Leyte teams were followed by the presentations of the consultants for Capacity Development

and SLM. The BSWM-GSITD also made a presentation on the updates of the geo-spatial analysis of the CLDI. The consultants' presentations were meant to share latest updates of the consultants' deliverables.

27. Dr. Alexander Flor, consultant for Capacity Development, reported that almost all deliverables on CapDev are completed. He explained to the participants the rationale, objectives and framework of the SLM Capacity Development Program and enabled the participants to familiarize the competency clusters of Measuring Climate Based Seasonal Farmland Degradation (COMPETENCY CLUSTER 1), Assessment & Management of Micro-Watershed Ridge to Establish Carbon& Nutrient Movements (COMPETENCY CLUSTER 2), Rendering, Analyzing & Interpreting Picture-based, Climate Event Land Degradation Assessment Maps (COMPETENCY CLUSTER 3) and Maps & Economic Data (COMPETENCY CLUSTERS 4&5). The program delivery mechanisms include the existing training programs of BSWM, ATI, DENR and DILG; the Farmers' Field School (FFS), PhilCAPP and through the Massive Open Online Courses (MOOCS) via UPOU (UP-Open University).
28. Dr. Flor also enabled the participants to quickly familiarize themselves with the contents of the Competency Development Program Guide and the SLM Training Manual. This document puts together the Competency Development Program (Part One) which consists of five Modules, the SLM Training Manual (Part Two), which contains four Modules; and the Manual on Adopting the ILMF and Mainstreaming SLM in CLUP (Part Three), which consists of four Modules. Altogether, the document contains 128 pages and now ready for distribution to partner-organizations especially to pilot LGUs.
29. Mr. Bernardo Pascua of BSWM-GSITD made four presentations, namely: Introductory Concepts of Land Degradation (LD), Spatial Data Requirement for LD Assessment, Comprehensive Land Degradation Index (CLDI) and the GSITD Plan of Activities in Support to SLM project. Mr. Pascua reported that the GSITD had conducted the training to standardize data input, database design and GIS tools for CLDI application on November 19-23, 2018.
30. Mr. Rodolfo Cabias, MPDC of Abuyog, Leyte asked if there is still money for the proposed visit of BSWM and consultants to Leyte in March 2019 to coach LGU staff in determining what items of the municipality's CLUP should the SLM be integrated into. Dr. Nilo clarified that the budget for 2019 is very limited and mostly intended for wrapping up activities but, depending on the relevance, planned activities for 2019 could be funded. Mr. Jerome Montemayor of IIRR also asked if the "before" and "after" typhoon Yolanda situation could be reflected in the LD maps as well as the dike construction which may reach Abuyog. Mr. Bernardo Pascua of GSTD clarified that the before and after Yolanda situation could be reflected but the dike construction could not be reflected.
31. Mr. Norberto Salazar Jr. of PPDO of Bukidnon, asked if CLDI maps could be made available for the entire Bukidnon province, and not only Malaybalay. Mr. Bernardo Pascua (GSITD) said that they could not provide a CLDI map for the entire Bukidnon province but only for Malaybalay City. Mr. Pascua said that his team could provide the .shp files for the land use of the entire Bukidnon province. Ms. Jacqueline Julia Lagamon of PAO of Bukidnon asked if the SLM manual could be made available to LGUs. Ms. Mariell Evasco of SLM PMO, clarified that based on the presentation of Dr. Alexander Flor (CapDev consultant), the manuals can now be made available to pilot LGUs.

32. Mr. Vicente Dayanghirang Jr. of ATI asked who should be making the FFS module as it may take longer time, following ATI's established processes before a module is finalized and adopted. Dr. Rogelio Concepcion, SLM consultant, clarified that the making of the FFS module is not part of the TOR of the consultant for CapDev (Dr. Flor) but consultants are willing to provide lessons that are useful in formulating the FFS module. Mr. Dayanghirang said that ATI can initiate a write-shop cum workshop to consolidate such lessons and invite LGUs as resource persons. Dr. Concepcion suggested that instead of making a separate, stand-alone FFS module, what could be done is to insert SLM into the existing FFS modules of ATI as special subjects. This can be part of the 2019 work plan of ATI.
33. Ms. Mariell Evasco of SLM PMO made a presentation on the summary of the assessment results for Outcome 1 and Outcome 2 of SLMP. She started by explaining the results framework of SLMP, linking Inputs to Activities, Activities to Outputs, Outputs to Outcomes; and Outcomes to SLM project objective (Impact). SLMP has two Outcomes, Outcome 1 and Outcome 2. There are four Outputs under Outcome 1. These Outputs have six Indicators. On the other hand, Outcome 2 is comprised by three Outputs, which have five Indicators

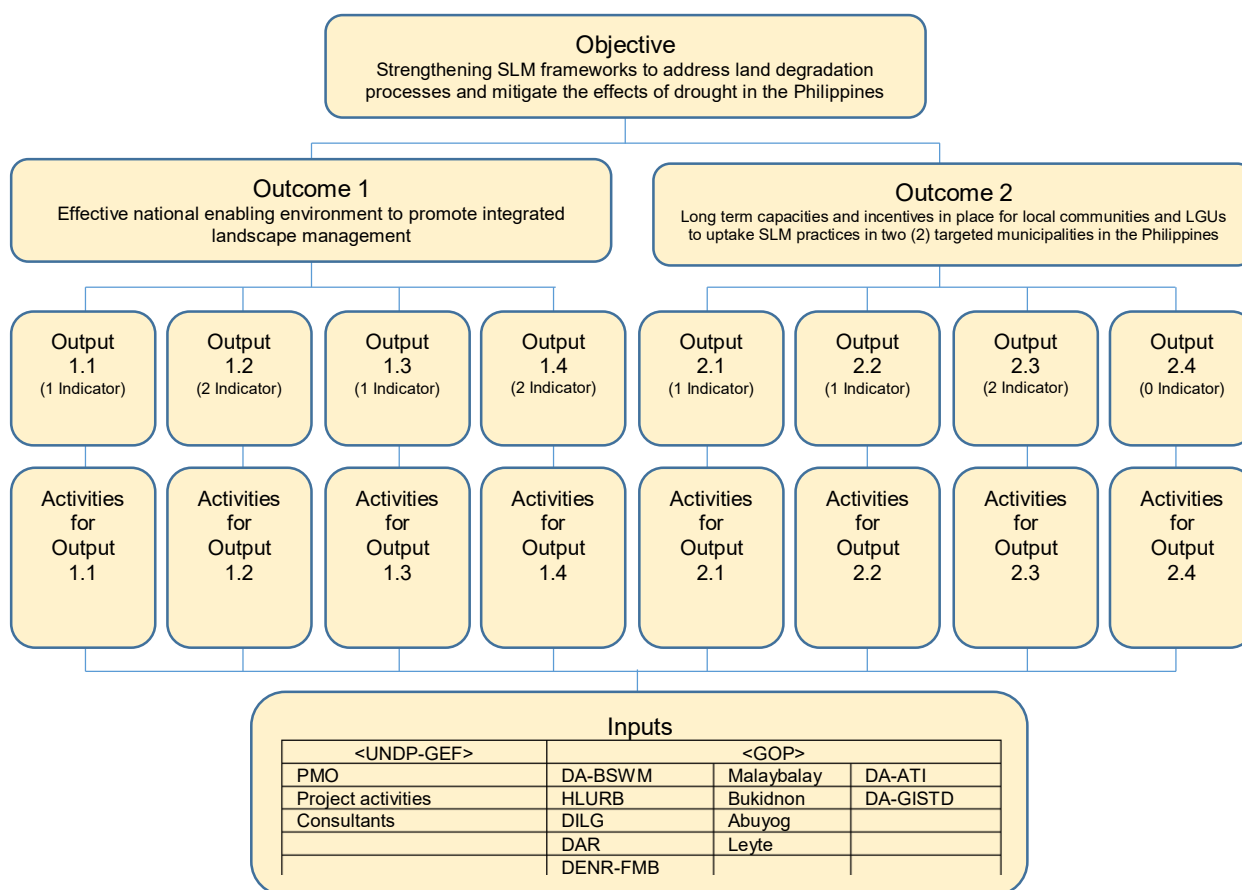


Fig.3: SLMP Results Framework

34. Ms. Evasco reported that under Outcome 1, an integrated land management framework mainstreaming SLM practices and technologies have been developed, but not yet adopted by BSWM. The guidelines on mainstreaming have been applied in pilot LGUs and further enhanced based on experience and findings of the testing exercises. The issuance of an HLURB Board Resolution, in lieu of the target on issuance of Joint Memo Order or Special

Order on SLM mainstreaming by DA, DENR and DAR, has not been achieved yet. The development of GIS-based LADA maps incorporating SLM practices and technologies with information maps accessible and relevant CLUP preparation of LGUs has been achieved. Other achievements include the availability of the training modules on SLM technology application and mainstreaming for LGUs and the training of SLM trainers. The target for the increase in capacity results (CR1 to CR5) for BSWM, DENR-FMB and HLURB has not been achieved yet.

35. Under Outcome 2, the target for an increase in plant/soil cover ratio and zero net loss of forest cover in pilot area in Bukidnon has not been achieved yet. Targets which are not yet achieved also include the increase in DM and OM content of soil (representing soil fertility) as well as the zero net loss of forest cover in pilot area in Leyte. The target for stable or improved composite LDI monitoring system has already been achieved, while the integration of SLM in season-long FFS has not been achieved and that SLM guidance delivery by extension workers has not been carried out yet. The target of 585 farming households adopting sustainable agriculture practices and integrated SFM/SLM practices has not been achieved yet. See Annex 5 for the detailed assessment results of each indicator.
36. After having the participants refreshed about the SLMP targets and achievements at the activity and results levels, Mr. Gerona explained the process and contents of making the 2019 work plan including the planning template. He also explained the process, contents and planning template for sustainability planning which would be taking place after the 2019 work planning. In order to level-off understanding and establish similar mindset for 2019 work planning and 2019-2021 sustainability plan formulation, Mr. Gerona allowed a liberal discussion among participants.
37. Dr. Nilo (of BSWM-LSD) responded to the persistent question about funding availability for 2019. After clarifying with Ms. Marietta Oamil and Ms. Mariell Evasco of the PMO, Dr. Nilo informed the participants that the project funding that could be made available until March 2019 is about P2 million subject to approval or concurrence of the Project Board members who will be convened in mid-January 2019. On the question about “what activities are fundable under 2019 work plan”, Dr. Nilo suggested to just list down the most important activities and then the PMO will prioritize them.
38. With very limited budget for 2019, Mr. Elizer Balleras of DAR suggested to prioritize only impact-oriented activities. Mr. Dayanghirang of ATI commented that the P2million budget could be easily consummated for administrative activities necessary to close the project and therefore field activities could not be funded anymore. Mr. Carias of Abuyog asked if pilot LGUs (Abuyog and Malaybalay) are still required to submit CLUP documents with SLM integrated into it. Ms. Mariell Evasco (of PMO), after talking to Dr. Cabrido (consultant for CLUP) over the phone, clarified that there is no need for pilot LGUs to submit CLUPs with SLM integration.
39. Following the suggestions of listing down the impact-oriented activities which the PMO will then prioritize, the participants were grouped according to their represented organizations and went into 2019 work planning. This process went on overtime over dinner, which was followed by a “get-together” social interaction among participants.

2.3 Day 3: December 7, 2018

40. Mr. Gerona (Facilitator) started the last day of the workshop with a recapitulation, reminding the participants of the purposes and expected outputs of the workshop, participants' accomplishments against workshop objectives and what were left to be achieved in the workshop. With some of the workshop groups submitting the results of their discussions in the evening of Day 2, Mr. Gerona made a summary presentation of the list of planned activities for 2019.
41. For Abuyog/Leyte team, the planned activities for 2019 include: the conduct of cross visit in Leyte, and the conduct of monthly consultation meeting with BSWM, ATI and other partners for the development of SLM training modules. For Malaybalay City/Bukidnon team, the planned activities include: the continuation of the tree planting, the conduct of training to farmers on SLM practices, the conduct of soil sampling, participation in the workshop on CLDI mapping (to be conducted by GSITD) and the training on fine-tuning of geodatabase schema; and the conduct of a write-shop on SLM training module (3 workshops).
42. The DA-ATI plans to conduct the following activities in 2019: (i) integrate the SLM module entitled, "photo-visual mapping, recording and assessment of CLDI monitoring system" as special topic to the ECSFFS training manual, and (ii) orient/brief 300 farmers on the SLM training modules. The DILG-BLGD, on the other hand, plans to conduct the following activities in 2019: (i) organize orientation briefing with BLGD Director and SLM PMO to convince the Director to facilitate activities that lead to issuance of an MC concerning SLM mainstreaming into local plans, and (ii) undertake succeeding activities as instructed by the Director.
43. The DA-SPCMAD suggested that the PMO undertakes the following activities in 2019: (i) draft Project Completion Report (PCR) for review (SPCMAD will provide the prescribed format/template), (ii) finalize PCR for submission to DA-SPCMAD, NEDA and funding agency, and (iii) close financial books six months after PCR submission. The BSWM-GSITD on the other hand, presented its planned activities for 2019 (see Table below)

Table 3: Plans of GSITD for 2019

Planned Activity	Proposed Date	Target Participants	Activity Objective
Workshop 1 (Highland PEZ)	Feb. 4-8	LGU of Malaybalay/ Bukidnon (GIS & Planners)	Understand relationships of spatial data required in SLM and SLM mainstreaming in CLUP for highland PEZ
Workshop 2 (Lowland / Upland PEZ)	Feb. 18-22	LGU of Abuyog/ Sta. Fe (GIS & Planners)	Understand relationships of spatial data required in SLM and SLM mainstreaming in CLUP for lowland/upland PEZ
Development of geodatabase for SLM	Jan-Apr	GSITD	Setup GDB, tables, Subtypes, Domains, and relationships; loading initial spatial data
Consultation with project consultants	Jan-May	GSITD, Project consultants	Harmonization of data needs and relationships (via meetings and email correspondence)

Presentation of GDB output to LGU (Highland PEZ)	Apr 24-26	LGU of Malaybalay/ Bukidnon	Fine tune geodatabase schema
Presentation of GDB output to LGU (Lowland / Upland PEZ)	May 6-8	LGU of Abuyog/ Sta. Fe	Fine tune geodatabase schema
Finalization of GDB schema	June	GSITD	Produce final GDB schema for SLM
Consultation with SLM Consultant	Jan-Mar	GSITD, SLM Consultant	Produce GIS tool in the calculation of CLDI (conducted via meetings, email correspondence)
Testing	Apr	GSITD, SLM Consultant	
Final release	June	GSITD, SLM Consultant	
User's guide and documentation writing	Jan-Jun	GSITD	Produce User's guide and documentation of the GIS tools for the project
Source: Presentation material of GSITD			

44. Mr. Gerona facilitated a plenary discussion with Dr. Gina Nilo clarifying each planned activity of each partner organization. In order to determine whether or not the planned activity could be funded by the remaining budget left for 2019, each planned activity was extensively discussed in the context of the unmet targets of SLMP. The planned activities by GSITD team are linked to Output 1.3 (Output 1.3: Information management system to support SLM integration into LGU's development plans and improving informed land use allocation decisions) but the target of "developing a GIS-based LADA maps incorporating SLM practices and technologies..." was already achieved. The activities of GSITD team are directly in support of Output 2.1 (Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues) where SLMP is expected to introduce the SLM framework and technologies. This is also achieved. As such, the planned activities of GSITD and related activities of Bukidnon and Leyte teams are meant for the Sustainability Plan where required resources (e.g., funds) would be sourced from GOP contributions.

45. The suggested activities by DA-SPCMAD are part of PMO's project management activities and therefore taken into consideration as part of the 2019 work plan. In addition to the activities suggested by DA-SPCMAD, the PMO will also undertake activities related to convening the SLM Project Board in January 2019 and the Terminal Evaluation to be conducted by UNDP-GEF in April 2019. Mostly deskwork, the insertion of SLM as special topic to the existing ECS FFS training manual by ATI can be part of the 2019 work plan with PMO undertaking activities that facilitate such insertion. The other activities planned by ATI for 2019 can be part of the Sustainability Plan. This is also true to the activities planned by HLURB, DILG, DENR and DAR as well as the activities planned by Abuyog/Leyte and Malaybalay City/Bukidnon teams. After all the discussions and clarifications, it was concluded that the 2019 work plan contains mostly the activities of PMO that facilitate achievements of unmet targets in addition to project management-related activities necessary to close the project cooperation on SLMP. See Annex 6 for the 2019 work plan.

46. In plenary form, Mr. Gerona moderated the discussions about the drafting of the 3-Year Sustainability Plan from 2019 to 2021. As discussed earlier in the day, the planned activities of partner-organizations such as the ATI, DAR, DENR, DILG and the pilot LGUs of Abuyog and Malaybalay will comprise the 2019-2021 SLM Project Sustainability Plan with BSWM taking the lead in meeting national facilitation requirements. In summary, the 3-Year SLM Project Sustainability Plan centers on how to adopt SLM mainstreaming guidelines in the national and local levels. See Annex 7 for the outline of the Sustainability Plan 2019-2021.

Table 4: Organization-specific activities to sustain the gains of SLMP

Partner Organization	Activities in the SLMP Sustainability Plan 2019-2021
DENR-FMB	1) Conduct of Training of Trainers on SLM Mainstreaming to all DENR Field Offices (3 Clusters LVM)
	2) Revisit the technical bulletin on FLUP to mainstream SLM
ATI	1) Develop an SLM-based Rice and Corn FFS (2019-2022)
	<ul style="list-style-type: none"> • Identification of national and local experts on SLM • Caucus among National and Local SLM Practitioners • Writeshop on the development of SLM-based R&C FFS • Pre testing of the Integrated SLM modules in the 3 zonal areas of the country • Editing and packaging of the SLM R&C FFS • Issuance of AO for mainstreaming of SLM-based FFS to the plans and programs of the national and local governments
DILG	1) Mainstreaming SLM in the CDP <ul style="list-style-type: none"> • Organize orientation-briefing with the BLGD director to facilitate the issuance of MC on mainstreaming SLM to the CDP • BLGD and SLM PMO to meet (Letter to Sec)
	2) Undertake succeeding activities as instructed by the Director
	3) Inclusion of the SLM component (indicator) to the Seal of Good Local Governance Qualification Criteria (suggestion from PPDO Bukidnon)
DAR	1) Conduct ToTs for ARBs on SLM (4 th and 5 th level ARCs) <ul style="list-style-type: none"> • List to be provided by DAR of the (4th and 5th level ARCs)
	2) Identify the entry points on mainstreaming SLM to the Strategic Plan of DAR
Source: Results of the plenary workshop on sustainability planning	

47. The closing program started with Mr. Gerona presenting the results of the workshop. In summative form, Mr. Gerona presented the distribution of representation of the 32 participants, with women participants constituting 50% of the total. Mr. Gerona again refreshed the participants of the three objectives of the workshop and presented the pieces of evidence of workshop achievements such as the: (i) assessment results of the 2018 work plan; (ii) assessment results of SLMP achievements at the results level; (iii) 2019 work plan; and (iv) outline of the 2019-2021 SLMP Sustainability Plan.

48. Ms. Evasco presented the “next steps” as follows: (1) PMO to forward the sustainability plans encoded via email to the participants for finalization (reviewed and approved)-this will be used for the official communications PMO will send to partner-organizations; (2) PMO to send official communications to partner-organizations about their commitments

made during the 2018 YEAR Workshop; and (3) present the commitments to the Project Board members.

49. Towards the end of the closing program, some participants shared their impressions about the project and the workshop. DILG-BLGD said that mainstreaming the SLM is a big task but it nevertheless supports the SLM mainstreaming into local development plans. DAR expressed commitment to support SLM mainstreaming while DENR (FMB) remarked that SLMP results can be used in NGP (National Greening Program) implementation especially the photomaps and LDI. It expressed support to the sustainability of SLMP. ATI said that “extension” is always at the endline of research and expressed support to the localization of SLM. GSITD said that it is better if there is still an extension of the project funding from UNDP-GEF while SPCMAD commended the facilitator and PMO for a job well done.
50. In closing, Dr. Gina Nilo said a prayer and thanked all the participants for their patience and understanding, their contributions, their smiles and laughs shared throughout the 3-day workshop. She hoped that even if external funding is not anymore available, the partnership and cooperation with partner-organizations the SLMP had founded and built will continue more productively through the years.

Annex 1**Program of Activities**

Date/Time	Activity/ies	Presenter/Responsible
4 December, 2018 (Day 0)		
PM	Pre-WS meeting for the final preparations	PMO, Facilitator
5 December, 2018 (Day 1)		
8:00-12:00	Travel, Arrival & Billeting of Participants	PMO
12:00-1:00	Lunch	
1:00-1:15	Preliminary explanation about the Year-end Assessment & Sustainability Planning Workshop	Facilitator & PMO
	Assessment of Outcome 2 component of SLM Project	Facilitator & PMO
1:15-1:30	Quick review of the activities and expected results under Outcome 2	Facilitator & PMO
1:30-1:45	Explanation about the Workshop format/ templates	Facilitator
1:40-4:00	Workshop by pilot LGU	Facilitator
	Status of planned activities for 2018	
	Cumulative achievement of output and outcome indicators	
	Factors affecting	
	Good practices	
	Hindering factors (issues, concerns) & recommendations	
	Lessons learned	
4:00-4:45	Reporting and clarifications	Facilitator
4:45-5:00	Summation of Outcome 2 assessment results	Facilitator
5:00 onwards	Travel, arrival and billeting of participants from BSWM	

6 December, 2018 (Day 2)		
	Preliminaries	
8:30-8:40	Invocation and National Anthem	Ms. Dulce Tweetie Jorda Field Coordinator - Leyte
8:40-8:45	Acknowledgment of participants in attendance	Mr. Vince Albert Ching Field Coordinator - Bukidnon
8:45-9:00	Welcome Remarks	Dir. Angel Enriquez OIC-Director, BSWM National Project Director UNDP GEF5 SLM Project
9:00-9:10	Message	Ms. Grace Tena UNDP National Focal Person ISD-UNDP
9:10-9:30	Rationale of the Activity	Dr. Gina P. Nilo National Focal Person UNDP GEF5 SLM Project
9:30-9:45	Presentation of the Three-day Year-End Assessment and Planning Activity Overview including the WS activities undertaken on Day 1	Facilitator
	Presentation of Assessment Results for Outcome 2	Facilitator
9:45-10:00	Abuyog, Leyte (Outcome 2)	Ms. Dulce Tweetie Jorda Field Coordinator - Leyte
10:00-10:15	Malaybalay, Bukidnon (Outcome 2)	Mr. Vince Albert Ching Field Coordinator - Bukidnon
	Presentation on the Updates of the Consultants' Deliverables (Outcome 1)	
10:15-11:15	Composite Land Degradation Index Implementing Guideline with integration of GIS-based Maps and SLM Packaged Technologies for the two pilot sites	Dr. Rogelio Concepcion SLM and Water Specialist
11:15-12:15	Competency Development Program Guide and SLM Training Manual	Dr. Alexander Flor Capacity Development and Training Specialist
12:15-1:15	Lunch break	
1:15-2:00	Geo-Spatial Analysis of the Composite Land Degradation Index	Mr. Irvin Samalca BSWM-GSITD
2:00-2:30	Summary of Assessment Results for Outcome 1 and Outcome 2	Facilitator

	Work Planning for the remaining period of project cooperation (January-June 2019)	Facilitator, PMO
2:30-2:45	Presentation of Workshop Guidelines	Mariell Evasco Project _____ UNDP GEF5 SLMP
2:45-3:45	Workshop Session LGUs Consultants Partners	Participants, Facilitator, PMO
3:45-5:00	Presentation of Workshop Outputs and clarifications	Participants, Facilitator, PMO
7 December, 2018 (Day 3)		
8:00-8:15	Recap	Facilitator
8:15-9:30	Summary of the 2019 Work Plan	Facilitator
	Sustainability Planning (July 2019-December 2022)	Participants, Facilitator, PMO
9:30-10:00	Presentation of the Guidelines for Crafting a Plan for Project Sustainability	Mariell Evasco
10:00-12:00	Planning-Workshop for Project Sustainability LGUs BSWM Partners	Participants, Facilitator, PMO
12:00-1:00	Lunch	
1:00-2:00	Presentation of Workshop Outputs and clarifications	Participants, Facilitator
2:00-2:30	Summary of the Sustainability plan, July 2019-December 2022	Facilitator
2:30-2:45	Presentation of the Workshop Results	Facilitator, PMO, Participants
2:45-4:00	Closing Program	PMO
	Closing Remarks	
4:00 onwards	Departure of Participants	

Annex 2**List of Participants, Guests and Consultants**

No.	NAME	GENDER		OFFICE
		F	M	
1	Grace Tena	x		UNDP
2	Evelyn Castro	x		DILG
3	Elizer Balleras		x	DAR
4	Felixberto Lansigan		x	FMB
5	Jerome Montemayor		x	IIRR
6	Vicente Dayanghirang Jr.		x	DA- ATI
7	Josefina Venturanza	x		DA- SPCMAD
8	Mark Lester Red		x	DA- SPCMAD
9	Lucell Carpentero	x		CAO- Malaybalay
10	Roxanne Gamo	x		CENRO - Malaybalay
11	Jacqueline Julia Lagamon	x		PAO - Bukidnon
12	Norberto T. Baltazar, Jr		x	PPDO - Bukidnon
13	Rodolfo Cabias		x	MPDO- Leyte
14	Antonieta Arandia	x		MAO-Abuyog
15	Evangeline S. Garing	x		OPA - Leyte
16	Nenita G. Sultan	x		OPA - Leyte
17	Dina G. Pitao	x		OPA - Leyte
18	Jeanjit Amante	x		OPA - Leyte
19	Gina P. Nilo	x		BSWM - LSD
20	Bernardo B. Pascua		x	BSWM- GISTD
21	Sandy Aviad		x	BSWM- SSD
22	Rogelio Concepcion		x	Consultant - SLM
23	Alexander Flor		x	Consultant - CapDev
24	Rey Gerona		x	Consultant - Organizer
25	Juvy Esperanza	x		Consultant - Comm.Ofc.
26	Mariell A. Evasco	x		SLMP-PMO
27	Marietta S. Oamil	x		SLMP-PMO
28	Dulce Tweetie Jan Jorda	x		SLMP-PMO
29	Vince Albert Ching		x	SLMP-PMO
30	Arvie F. Loberiano		x	SLMP-PMO
31	John Reo Cahucom		x	SLMP-PMO
32	Hilbert Maderazo		x	SLMP-PMO

Annex 3

Assessment of 2018 Work Plan [Abuyog] December 5, 2018

Pilot LGU: **Abuyog**

1) Status of Planned Activities for 2018

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.

PLANNED ACTIVITES for 2018				Accomplishment/Status of Activity (as of December 2018)
OUTPUT/ACTIVITY/DESCRIPTION		DELIVERABLE/SUB-ACTIVITY		
Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues.				
		2.1.1	Tree Planting in Bukidnon and Leyte	<u>Completed</u> 380 fruit tree seedlings were planted for the period March through April 2018 (Assorted Fruit Trees)
		2.1.2	Study Visit/Cross Visit for the documentation of SLM best practices	<u>Not conducted.</u> The visit was scheduled during off-season and therefore no vegetation could be observed. Leyte team together with the farmer cooperators re-planned to visit the Bukidnon site during the first quarter of 2019.
		2.1.3	TDF Establishment	<u>Completed</u> <ul style="list-style-type: none">• for 2 cropping seasons of 2018,• 2 TD for Rice in Sta Fe and• 2 TD for Rice in Canmating, Abuyog.• 1 SALT in Tadoc, Abuyog

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	<u>Completed</u> , Team from BSWM assisted by OPA staff and MLGU abuyog staff conducted ground truthing/validation last March 13-19, 2018.
		2.2.1.2	Conduct of Monitoring Activities thru agronomic data collection for LD Assessment and Monitoring	<u>Completed</u> Periodic monitoring and collection of agronomic data is conducted and reports are submitted.
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	<u>Completed</u> Consultation meetings with peers and Farmer cooperators together with SLM and CLUP Specialist was conducted at Hotel Rodolfo on Sept. 3-7, 2018. Consultation meeting with 58 participants was conducted at Hotel Estrella on Oct. 1-5, 2018.
		2.2.2.2	Submission of the report on the guideline for the integration of LDI into the GIS maps	[Not applicable to pilot LGU]
		2.2.2.3	Submission of the Final LDI Implementing Guidelines	[Not applicable to pilot LGU]

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				
2.3.1	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	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	<u>Not conducted.</u> Could be considered a deliverable for 2019.
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				
		2.4.1.1	Orientation on PLEA and Training on Farm Planning for the PLEA Applicants in Leyte and Bukidnon	<u>Completed.</u> <ul style="list-style-type: none"> Farmers were oriented about PLEA program at Rodolfo Hotel last September 3-7, 2018 42 farmers participated together with the Technical Staff from SLMP, BSWM, OPA, and DA-8 Farmers are waiting for project partners to identify COOPerative which will serve as loan conduits as per requirement of the program. No Farmer-takers (farmers opined that there are too many stringent requirements)
		2.4.1.2	Establishment of Partnership with State Universities and Colleges in Regions VIII & X for Project Sustainability Plans	<u>Not Established</u>

2) Factors Affecting Performance and Lessons Learned from the Project Activities (from the Participants' perspective)

Indicator/ Planned Activity for 2018	Factors Affecting				Lessons learned
	Facilitating (Good Practice)	Hindering			
		Problems encountered	Solutions applied	Recommended measures in the future	
2.1 Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues.					
2.1.1. Tree Planting in Bukidnon and Leyte	Extension workers continue to perform good coordination and resource-complementation among partner-organizations	Delayed delivery of planting materials	Extension workers instead facilitated the timely approval and delivery of planting materials from DA-RFU-VIII		It is important to have a climate-smart planning for the delivery of planting materials
2.1.2 Study Visit/Cross Visit for the documentation of SLM best practices					
2.1.3 TDF Establishment	Extension workers religiously conduct weekly monitoring of the TDFs based on the submitted calendar of activities in order to gather required agronomic data.	Delayed delivery of farm inputs (same as above)	Extension workers pursued monitoring activities for the 1 st cropping season even if farm inputs were not yet delivered	Inputs for the TDs should be available before the land preparation time so that the POT of SLM will be followed.	
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	Trained and experienced CLUP technical staff of the LGUs attended the workshop	Geodata-based shp files were not provided to LGUs after the workshop	Requested BSWM-GISTD to provide the shp files to LGUs (note: GISTD promised to provide the shp files within the YEAP workshop)	Share shp files to trainees during the conduct of the training-workshops so that trainees can apply learned knowledge and skills after the training-workshop	

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					
2.2.1.2 Conduct of Monitoring Activities thru agronomic data collection for LD Assessment and Monitoring					
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					
2.3.1 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					It is important to formalize the establishment of the TWG to oblige member agencies to collaborate and share resources needed by a partnership project like SLMP

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					
2.4.1 Orientation on PLEA and Training on Farm Planning for the PLEA Applicants in Leyte and Bukidnon				Review and simplify loan requirements to attract farmers to avail of the program	It is important to conduct social preparation, participatory appraisal and profiling on the target beneficiaries of a program

Annex 4

Assessment of 2018 Work Plan [Malaybalay] December 5, 2018

Pilot LGU: Malaybalay

1) Status of Planned Activities for 2018

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.

PLANNED ACTIVITES for 2018				Accomplishment/Status of Activity (as of December 2018)
OUTPUT/ACTIVITY/DESCRIPTION		DELIVERABLE/SUB-ACTIVITY		
Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues.				
		2.1.1.2	Tree Planting in Bukidnon and Leyte	<u>Ongoing</u> <ul style="list-style-type: none">• Out of 600 seedlings targeted for planting, 300 were delivered on site (November 19, 2018), and only 50 were planted (Nov. 29, 2018)• The delivery was delayed and seedling could not be planted anymore because it is already dry season
		2.1.1.3	Study Visit/Cross Visit for the documentation of SLM best practices	<u>Completed.</u> <ul style="list-style-type: none">• The visit to Sta. Fe and Abuyog, Leyte was conducted on October 3 to 6, 2018• The participants from Bukidnon totaled 17 (6 farmers, 11 LGU representatives)
		2.1.1.4	TDF Establishment	<u>Completed</u> <ul style="list-style-type: none">• The whole TDF area was planted with trees (100% of the target)• As per latest monitoring, mortality rate was recorded at 10%

				<ul style="list-style-type: none"> • 5 brush dams (with dimension of 1mx0.75m with Canals (1mx1m) at the foot slope of the TDF were established • As per latest monitoring, 60% of the brush dams were washed out
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	<u>Completed</u> , This was conducted in Leyte from March 12 to 16, 2018 and in Bukidnon from April 23 to 28, 2018 with participants coming from BSWM GSITD, LGUs and PMO.
		2.2.1.2	Conduct of Monitoring Activities thru agronomic data collection for LD Assessment and Monitoring	<u>Completed</u> Monitoring is conducted every two weeks, from July 9 to September 9, 2018
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	<u>Conducted</u> . Consultation meetings are frequently conducted with the Specialists and the Divisions concerned on the data requirements and data consolidation.
		2.2.2.2	CPLGU and PLGU staff participate in GIS-related trainings	<u>Completed</u> . <ul style="list-style-type: none"> • Training was conducted on November 19 to 23, 2018 in Cebu City • Total of 15 C/MLGU & PLGU staff participated • But Guidelines and CLDI maps are not yet made available to pilot LGUs
		2.2.2.3	Submission of the Final LDI Implementing Guidelines	[Not applicable to pilot LGU] <ul style="list-style-type: none"> • LDI data for other municipalities in Bukidnon are not yet available

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				
2.3.1	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	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	<u>Not conducted.</u> [Not applicable to pilot LGUs]
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				
		2.4.1.1	Orientation on PLEA and Training on Farm Planning for the PLEA Applicants in Leyte and Bukidnon	<u>Completed.</u> <ul style="list-style-type: none"> Farmers were oriented about PLEA program at Hotel Rodolfo, Tacloban City last September 6, 2018 51 farmers, MLGU, PLGU staff and officials participated No. Farmer has applied for the program until to date
		2.4.1.2	Establishment of Partnership with State Universities and Colleges in Regions VIII & X for Project Sustainability Plans	<u>Not Established</u> [Not applicable to pilot LGUs]

2) Factors Affecting Performance and Lessons Learned from the Project Activities (from the Participants' perspective)

Output statement	Factors Affecting				Lessons learned
	Facilitating (Good Practice)	Hindering			
		Problems encountered	Solutions applied	Recommended measures in the future	
Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues.	CLGU and PLGU staff participate in related trainings and workshops	Geodata shp files not yet provided to LGUs by trainors (GISTD)	Requested GISTD which promised to provide the shp files to LGUs during the YEAP workshop		
Output 2.2 SLM best practices implementation in target City and Municipality	Farmers participate in SLM activities of the project	Non-Adoption of some farmers to SLM practices	Project provided inputs and some labor cost		
2.3 Development of the Guidelines for the Integration of LDI into the GIS maps and Finalization of the LDI Implementing Guideline	LGU/PLGU staff participated in the GIS related trainings	Guidelines and CLDI maps are not yet available to LGUs	Requested GISTD-BSWM which promised to provide the shp files during the YEAP workshop		It is better to carry out activities related to development of guidelines and maps during the early stages of the project
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	1) Farmers attended PLEA orientation and trainings	No farmer has applied yet because, according to farmers, the requirements are too stringent		Simplify and shorten the requirements in availing loans	
	2) LGUs provided tree seedlings to SLM farmers				

Annex 5

Status of Achieving Target Results Indicators of Outcome 1 and Outcome 2 December 5, 2018

Outcome 1: Effective national enabling environment to promote integrated landscape management

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				
Indicator	Targets and Status of Achievement			
	Targets for 2017-2018	Achievement Status	End-of project Target	Achievement Status
1.1-1) An Integrated Land Management Framework incorporating SLM practices and technologies	Integrated Land Management Framework <u>pilot-tested</u> for mainstreaming in DA and DENR	<u>Achieved.</u> The framework was pilot-tested on April 16 to 20, 2018	A national integrated land management framework mainstreaming SLM practices and technologies <u>developed</u> and <u>adopted</u> by HLURB	1) <u>Achieved</u> for the development of the framework 2) <u>Not achieved</u> for the adoption of the framework
Output 1.2: Approved guidelines on SLM mainstreaming into national and local land use plans and investment programs				
1.2-1) Enhanced CLUP guidelines to mainstream SLM	Draft Supplemental Guidelines in mainstreaming SLM in CLUP <u>drafted</u>	<u>Achieved.</u>	Guidelines on mainstreaming have been applied in to pilot municipalities and further enhanced based on experience and findings of the testing exercise	<u>Achieved</u> , both for application in pilot LGUs and further enhancement based on experience and findings of testing exercises
1.2-2) Relevant policy issuance for the mainstreaming of SLM in local and use including forest land use and development	Draft Joint Memorandum Circular <u>completed</u>	<u>Not Achieved.</u>	<u>Issuance</u> of Joint Memorandum Circular or Special Order on SLM mainstreaming by DA, DENR and DAR	<u>Not achieved.</u>

Output 1.3: Information management system to support SLM integration into LGU's development plans and improving informed land use allocation decisions				
1.3-1) Database decision support information system operational and accessible to LGUs	Design for upgrading maps, Land Degradation Index, and relevant data <u>gathered</u> and <u>inputted</u>	<u>Achieved</u> for data gathering and inputting	<u>Developed</u> a GIS-based LADA maps incorporating SLM practices and technologies with information/maps accessible and relevant CLUP preparation of LGUs	<u>Achieved</u>
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				
1.4-1) Competency development program for LGUs on SLM technology application and mainstreaming developed and implemented	Competency gaps <u>identified</u>	<u>Achieved</u> . Gaps are found in the Competency Gap Assessment Report submitted by the Consultant	List of training modules on SLM technology application and mainstreaming for LGUs developed	<u>Achieved</u> . The list is found in the Report submitted by the Consultant
	Competency development program guide <u>developed</u>	<u>Achieved</u> .		
	Training Manual <u>produced</u>	<u>Achieved</u> .		
	Training for Trainors and for LGUs, ATI, DA-BSWM, and DENR <u>conducted</u>	<u>Achieved</u> . TOT was conducted on September 17-21, 2018 for Bukidnon and October 1-5, 2018 for Leyte. List of Trainors is found in the ToT Report		
	Potential trainors from DILG and HLURB are <u>identified</u> and <u>trained</u> on various SLM management and physical technologies for mainstreaming SLM into the CLUP	<u>Achieved</u> . List of potential trainors is found in UNDP GEF5 SLM Project's Google Drive		

1.4-2) Increased 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)	Number of capacity trainings of DA-BSWM, DENR-FMB and HLURB based on other outputs	<u>Achieved.</u> A total of nine (9) trainings were conducted and participated by representatives of DA-BSWM, DENR-FMB and HLURB	At least an average increase in 5 capacity results (CR1 to CR5) by 0.33 to 1 for BSWM with a high score of 3 the following indicators: Indicator 3,4,5,7 and 13	<u>Not Achieved.</u>
			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: Indicator 3,4,5,8,20 and 12	<u>Not Achieved.</u>
			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	<u>Not Achieved.</u>

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

Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues				
Indicator	Targets & Status of Achievement			
	Targets for 2017-2018	Achievement Status	End-of project Target	Achievement Status
2.1-1) Plant/soil cover in the agricultural land area covering 2,866 ha and forest cover in Barangay Silae	Plant/Soil cover established	<u>Not Achieved.</u>	Increase in plant/soil cover ratio	<u>Not Achieved.</u>
			No net loss of forest cover in Barangay Silae	<u>Not Achieved</u>
	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	<u>Not achieved.</u>		
	Forest Tree Crops with wealth generation potential to be introduced in the area (tree planting) in close collaboration with BMB and FMB	<u>Not Achieved.</u>		

Output 2.2 SLM best practices implementation in target City and Municipality				
2.2-1) Dry Matter (DM) and Organic Matter (OM) Content from 5 sample sites randomly selected from agricultural land area (151 ha) and forest (12.61 ha) land area of Brgy. Tadoc	Land Degradation Index determined for the 2 project sites	<u>Achieved</u>	Average increase in DM and OM Content of Soil in 5 sample sites representing the soil fertility of the 151 agricultural land area	<u>Not Achieved</u>
	LDI monitoring system applied and improved in the target LGUs	<u>Achieved</u> for both “applied” and for “improved”	No net loss of forest cover in Barangay Tadoc	<u>Not Achieved</u>
			Stable or improved composite LDI monitoring system across 20,000 ha in two municipalities Agriculture: 3,038 ha Forrest: 734.26 ha Mixed system: 16, 227.74 ha	<u>Achieved</u> for both “stable” and for “improved”
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				
2.3-1) Increased in % of SLM guidance delivered by extension services	SLM training modules compiled, reviewed, updated and produced	1) <u>Achieved</u> for “compiled” 2) <u>Not Achieved</u> for “reviewed”, “updated” and “produced” (<i>subject to consultation with the consultant</i>)		

2.3-2) Farming households adopt sustainable agricultural practices and integrated SFM/SLM	SLM Training modules integrated in the ATI FFS	<u>Not Achieved.</u>	100% SLM guidance delivered by extension services through integration of complete SLM modules in the season-long FFS	<u>Not Achieved</u>
	300 farmers trained in SLM technology through the FFS	<u>Not Achieved</u>	At least 585 of the farming households in 2 targeted municipalities (3 Brgys. out of 46 Brgys. in Malaybalay City and 13 Brgys. out of 63 Brgys. in Abuyog) adopt sustainable agriculture practices and integrated SFM/SLM practices	<u>Not Achieved</u>
	At least 350 households adopt sustainable agriculture practices and integrated SFM/SLM practices	<u>Not Achieved</u>		
	TDFs Established	<u>Achieved.</u> TDF in Bukidnon: 1 TDF in Leyte: 1		
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				
(No indicator)	(No target)	<u>Achievement:</u> Established partnership with ACPC on the provision of the Production Loan Easy Access Program to qualified farmer-beneficiaries from the two pilot sites		

Outcome 1: Effective national enabling environment to promote integrated landscape management

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					Work Plan to achieve unmet targets		
	Targets for 2017-2018	Achievement Status	End-of project Target	Achievement Status	Activity	Timeline	Resources Required (Source)
1.1-1) An Integrated Land Management Framework incorporating SLM practices and technologies	Integrated Land Management Framework <u>pilot-tested</u> for mainstreaming in DA and DENR	<u>Achieved.</u> The framework was pilot-tested on April 16 to 20, 2018	A national integrated land management framework mainstreaming SLM practices and technologies <u>developed</u> and <u>adopted</u> by HLURB	1) <u>Achieved</u> for the development of the framework 2) <u>Not achieved</u> for the adoption of the framework	[PMO undertakes activities that facilitate the adoption of the framework by HLURB]		
Output 1.2: Approved guidelines on SLM mainstreaming into national and local land use plans and investment programs							
1.2-1) Enhanced CLUP guidelines to mainstream SLM	Draft Supplemental Guidelines in mainstreaming SLM in CLUP <u>drafted</u>	<u>Achieved.</u>	Guidelines on mainstreaming have been applied in to pilot municipalities and further enhanced based on experience and findings of the testing exercise	<u>Achieved</u> , both for application in pilot LGUs and further enhancement based on experience and findings of testing exercises			
1.2-2) Relevant policy issuance for the mainstreaming of SLM in local and use including forest land use and development	Draft Joint Memorandum Circular <u>completed</u>	<u>Not Achieved.</u>	<u>Issuance</u> of Joint Memorandum Circular or Special Order on SLM mainstreaming by DA, DENR and DAR	<u>Not achieved.</u>	{PMO undertakes activities that facilitate issuance of a Resolution by HLURB, instead of JMC}		

Output 1.3: Information management system to support SLM integration into LGU's development plans and improving informed land use allocation decisions							
1.3-1) Database decision support information system operational and accessible to LGUs	Design for upgrading maps, Land Degradation Index, and relevant data <u>gathered</u> and <u>inputted</u>	<u>Achieved</u> for data gathering and inputting	Developed a GIS-based LADA maps incorporating SLM practices and technologies with information/maps accessible and relevant CLUP preparation of LGUs	<u>Achieved</u>			
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							
1.4-1) Competency development program for LGUs on SLM technology application and mainstreaming developed and implemented	Competency gaps <u>identified</u>	<u>Achieved.</u> Gaps are found in the Competency Gap Assessment Report submitted by the Consultant	List of training modules on SLM technology application and mainstreaming for LGUs developed	<u>Achieved.</u> The list is found in the Report submitted by the Consultant			
	Competency development program guide <u>developed</u>	<u>Achieved.</u>					
	Training Manual <u>produced</u>	<u>Achieved.</u>					
	Training for Trainors and for LGUs, ATI, DA-BSWM, and DENR <u>conducted</u>	<u>Achieved.</u> TOT was conducted on September 17-21, 2018 for Bukidnon and October 1-5, 2018 for Leyte. List of Trainors is found in the ToT Report					

	Potential trainors from DILG and HLURB are <u>identified</u> and <u>trained</u> on various SLM management and physical technologies for mainstreaming SLM into the CLUP	<u>Achieved.</u> List of potential trainors is found in UNDP GEF5 SLM Project's Google Drive					
1.4-2) Increased 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	Number of capacity trainings of DA-BSWM, DENR-FMB and HLURB based on other outputs	<u>Achieved.</u> A total of nine (9) trainings were conducted and participated by representatives of DA-BSWM, DENR-FMB and HLURB	At least an average increase in 5 capacity results (CR1 to CR5) by 0.33 to 1 for BSWM with a high score of 3 the following indicators: Indicator 3,4,5,7 and 13	<u>Not Achieved.</u>	[PMO carries out activities that facilitate the achievement of average increase in 5 capacity results for BSWM]		
			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: Indicator 3,4,5,8,20 and 12	<u>Not Achieved.</u>	[PMO carries out activities that facilitate the achievement of average increase in 5 capacity results for DENR-FMB]		

strategy, policy and legislation development (CR3); d) Capacity for management and implementation (CR4); e) Capacity to monitor and evaluate (CR5)			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	<u>Not Achieved.</u>	[PMO carries out activities that facilitate the achievement of average increase in 5 capacity results for HLURB]		
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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

Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues							
Indicator	Targets & Status of Achievement				Work Plan to achieve unmet targets		
	Targets for 2017-2018	Achievement Status	End-of project Target	Achievement Status	Activity	Timeline	Resources Required (Source)
2.1-1) Plant/soil cover in the agricultural land area covering 2,866 ha and forest cover in Barangay Silae	Plant/Soil cover established	<u>Not Achieved.</u>	Increase in plant/soil cover ratio	<u>Not Achieved.</u>	<i>[PMO undertakes activities that facilitate increase in plant/soil cover ratio</i>		
			No net loss of forest cover in Barangay Silae	<u>Not Achieved</u>	<i>PMO carries out activities that secures a "no net loss cover"</i>		
	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	<u>Not achieved.</u>			<i>PMO carries out activities that facilitate joint IEC campaign with DENR</i>		

	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	<u>Not Achieved.</u>			<i>PMO undertakes activities that facilitate the introduction of forest tree crops</i>		
Output 2.2 SLM best practices implementation in target City and Municipality							
2.2-1) Dry Matter (DM) and Organic Matter (OM) Content from 5 sample sites randomly selected from agricultural land area (151 ha) and forest (12.61 ha) land area of Brgy. Tadoc	Land Degradation Index determined for the 2 project sites	<u>Achieved</u>	Average increase in DM and OM Content of Soil in 5 sample sites representing the soil fertility of the 151 agricultural land area	<u>Not Achieved</u>	<i>PMO undertakes activities that facilitate the realization of average increase in DM and OM content of soil</i>		
	LDI monitoring system applied and improved in the target LGUs	<u>Achieved</u> for both “applied” and for “improved”	No net loss of forest cover in Barangay Tadoc	<u>Not Achieved</u>	<i>PMO carries out activities that facilitate “no net loss</i>		
			Stable or improved composite LDI monitoring system across 20,000 ha in two municipalities Agriculture: 3,038 ha Forrest: 734.26 ha	<u>Achieved</u> for both “stable” and for “improved”			

			Mixed system: 16, 227.74 ha				
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							
2.3-1) Increased in % of SLM guidance delivered by extension services	SLM training modules compiled, reviewed, updated and produced	1) <u>Achieved</u> for “compiled” 2) <u>Not Achieved</u> for “reviewed”, “updated” and “produced” (<i>subject to consultation with the consultant</i>)			<i>PMO undertakes activities that lead to updating and production of SLM training modules</i>		
2.3-2) Farming households adopt sustainable agricultural practices and integrated SFM/SLM	SLM Training modules integrated in the ATI FFS	<u>Not Achieved.</u>	100% SLM guidance delivered by extension services through integration of complete SLM modules in the season-long FFS	<u>Not Achieved</u>	<i>PMO undertakes activities that facilitate the integration of SLM training modules in the ATI-FFS</i>		
	300 farmers trained in SLM technology through the FFS	<u>Not Achieved</u>	At least 585 of the farming households in 2 targeted municipalities (3 Brgys. out of 46 Brgys. in Malaybalay City and 13 Brgys. out of 63 Brgys. in Abuyog) adopt	<u>Not Achieved</u>	<i>PMO undertakes activities that facilitate the adoption of sustainable agriculture practices and integrated SFM/SLM practices by at least 585 farming households</i>		

			sustainable agriculture practices and integrated SFM/SLM practices				
	At least 350 households adopt sustainable agriculture practices and integrated SFM/SLM practices	<u>Not Achieved</u>					
	TDFs Established	<u>Achieved.</u> TDF in Bukidnon: 1 TDF in Leyte: 1					
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							
(No indicator)	(No target)	<u>Achievement:</u> Established partnership with ACPC on the provision of the Production Loan Easy Access Program to qualified farmer-beneficiaries from the two pilot sites					

Others:

Output 0: Project Management					
Indicator	Targets & Status of Achievement		Work Plan		
	2017-2018	End-of project	Activity	Timeline	Resources Required (Source)
			1) Convene Project Board meeting	January	
			2) Carry out activities that support the preparation and conduct of the external Terminal Evaluation Team	Jan-Apr	
			3) Draft Project Completion Report (PCR) for review (SPCMAD will provide the prescribed format/template)	Jan-March	
			4) Finalize PCR for submission to DA-SPCMAD, NEDA, funding agency	April-June	
			5) Close books (financial matters) 6 months after PCR	July-Dec	

Annex 7

Draft Sustainability Plan July 2019-December 2021

Outcome 1: Effective national enabling environment to promote integrated landscape management

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								
Indicator	End-of project Target	Achievement Status as of December 2018	Planned Activity	Agency responsible	Timeline			Resource Requirement
					2019	2020	2021	
1-1-1) An Integrated Land Management Framework incorporating SLM practices and technologies	A national integrated land management framework mainstreaming SLM practices and technologies <u>developed</u> and <u>adopted</u> by HLURB	1) <u>Achieved</u> for the development of the framework	1.1.1 <i>Issue Board Resolution adopting NILMF mainstreaming SLM practices and technologies</i>	HLURB				
		2) <u>Not achieved</u> for the adoption of the framework	1.1.2					
Output 1.2: Approved guidelines on SLM mainstreaming into national and local land use plans and investment programs								
1-2-1) Enhanced CLUP guidelines to mainstream SLM	Guidelines on mainstreaming have been applied in to pilot municipalities and further enhanced based on experience and findings of the testing exercise	<u>Achieved</u> , both for application in pilot LGUs and further enhancement based on experience and findings of testing exercises						
1-2-2) Relevant policy issuance for the mainstreaming	<u>Issuance</u> of Joint Memorandum Circular or Special Order on SLM	<u>Not achieved.</u>	2.2.1 <i>Issue JMC or SO on SLM mainstreaming</i>	DA, DENR-FMB, DAR				

of SLM in local land use plan including forest land use and development	mainstreaming by DA, DENR and DAR		2.2.2 Revisit the technical bulletin on FLUP to mainstream SLM	DENR-FMB				
			2.2.3 Conduct of Training of Trainors on SLM Mainstreaming to all DENR Field Offices (3 Clusters LVM)	DENR-FMB				
Output 1.3: Information management system to support SLM integration into LGU's development plans and improving informed land use allocation decisions								
1-3-1) Database decision support information system operational and accessible to LGUs	<u>Developed</u> a GIS-based LADA maps incorporating SLM practices and technologies with information/maps accessible and relevant CLUP preparation of LGUs	<u>Achieved</u>	1.3.1 Conduct of training to standardize data input, database design, and GIS tools for CLDI application	BSWM-GISTD				
			1.3.2 Improve geodatabase schema to support data collection, data integration and calculation of CLDI	BSWM-GISTD				
			(1) Conduct Workshop 1 (Highland PEZ) for LGU of Malaybalay/ Bukidnon (GIS & Planners) to understand relationships of	BSWM-GISTD				

			spatial data required in SLM and SLM mainstreaming in CLUP for highland PEZ					
			(2) Workshop 2 (Lowland / Upland PEZ) for LGU of Abuyog/ Sta. Fe (GIS & Planners) to Understand relationships of spatial data required in SLM and SLM mainstreaming in CLUP for highland PEZ	BSWM-GISTD				
			1.3.3 Development of geodatabase for SLM to Setup GDB, tables, Subtypes, Domains, and relationships; loading initial spatial data [GISTD]	BSWM-GISTD				

			1.3.4 Conduct Consultation with project consultants to Harmonize data needs and relationships (via meetings and email correspondence)	BSWM-GISTD				
			1.3.5 Make Presentation of GDB output to LGU (Highland PEZ) to LGU of Malaybalay/ Bukidnon to Fine tune geodatabase schema	BSWM-GISTD				
			1.3.6 Make Presentation of GDB output to LGU (Highland PEZ) to LGU of Malaybalay/ Bukidnon to Fine tune geodatabase schema	BSWM-GISTD				
			1.3.7 Finalize GDB schema and Produce final GDB schema for SLM	BSWM-GISTD				
			1.3.8 Expand CLDI function to cater seasonal and multiple land	BSWM-GISTD				

			degradation sources scenario					
			(1) Conduct Consultation with SLM Consultant to Produce GIS tool in the calculation of CLDI (conducted via meetings, email correspondence)	BSWM-GISTD				
			(2) Conduct testing	BSWM-GISTD				
			(3) Final release	BSWM-GISTD				
			1.3.9 Develop user's guide to document the parameter requirement, data type, database design and CLDI calculation procedure	BSWM-GISTD				
			(1) Conduct User's guide and documentation writing to Produce User's guide and documentation	BSWM-GISTD				

			of the GIS tools for the project					
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								
1-4-1) Competency development program for LGUs on SLM technology application and mainstreaming developed and implemented	List of training modules on SLM technology application and mainstreaming for LGUs developed	Achieved. The list is found in the Report submitted by the Consultant						
1-4-2) Increased 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	At least an average increase in 5 capacity results (CR1 to CR5) by 0.33 to 1 for BSWM with a high score of 3 the following indicators: Indicator 3,4,5,7 and 13	<u>Not Achieved.</u>	1.4.2.1 <i>Determine increased scores of capacity results indicators CR1 to CR5 of BSWM</i>	BSWM				
	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:	<u>Not Achieved.</u>	1.4.2.2 <i>Determine increased scores of capacity results indicators CR1 to CR5 of DENR-FMB</i>	DENR-FMB				

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)	Indicator 3,4,5,8,20 and 12							
	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	<u>Not Achieved.</u>	1.4.2.3 <i>Determine increased scores of capacity results indicators CR1 to CR5 of HLURB</i>	HLURB				
			1.4.2.4 Conduct ToTs for ARBs on SLM (4th and 5th level ARCs) - List to be provided by DAR of the (4th and 5th level ARCs)					
			1.4.2.5 Identify the entry points on mainstreaming SLM to the Strategic Plan of DAR					

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

Output 2.1: Comprehensive land use plans (CLUPs) updated/revised for targeted city and municipality with serious LD issues								
Indicator	End-of project Target	Achievement Status as of December 2018	Planned Activity	Agency responsible	Timeline			Resource Requirement
					2019	2020	2021	
2.1-1) Plant/soil cover in the agricultural	Plant/Soil cover established (not achieved)	Increase in plant/soil cover ratio (not achieved)	2.1.1.1 (Continue conducting tree planting activities for	Malaybalay LGU				

land area covering 2,866 ha and forest cover in Barangay Silae			the 90 trained farmers (27,000 seedlings)					
			2.1.1.2 Monitor changes in plant/ soil cover ratio	Malaybalay, BSWM, DENR				
	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 (not achieved)	No net loss of forest cover in Barangay Silae (not achieved)	2.1.1.3 Conduct joint IEC campaign activities	Malaybalay, DENR-FMB, DA				
			2.1.1.3 Monitor net loss of forest cover in Silae	Malaybalay, DENR-FMB, DA				
	Forest Tree Crops with wealth generation potential to be introduced in the area (tree planting) in close collaboration with BMB and FMB	(Not achieved)	2.1.1.4 Adopt SLM Mainstreaming Guidelines following the steps specified in the Supplemental Guidelines (ref: SLM Mainstreaming Guidelines)	HLURB				
			2.1.1.4 Attend workshop on CLDI mapping and understand relationships of spatial data required in SLM and SLM mainstreaming in CLUP [Bukidnon]	Malaybalay, BSWM-GISTD				

			2.1.1.5 Conduct consultation/validation forum with Community Leaders-Technicians	Malaybalay BSWM GISTD				
			2.1.1.6 Attend training on fine tuning of geodatabase schema [Bukidnon]	Malaybalay (BSWM GISTD)				
			2.1.1.7 Conduct writeshop for the mainstreaming of SLM to CLUP	Malaybalay BSWM GISTD				
			2.1.1.8 Make Presentation to the LGUs and NGAs	Malaybalay, BSWM GISTD				
Output 2.2 SLM best practices implementation in target City and Municipality								
2.2-1) Dry Matter (DM) and Organic Matter (OM) Content from 5 sample sites randomly selected from agricultural land area (151 ha) and forest (12.61 ha) land area of Brgy. Tadoc	Average increase in DM and OM Content of Soil in 5 sample sites representing the soil fertility of the 151 agricultural land area	<u>Not Achieved</u>	2.2.1.1 <i>Determine ave. increase in DM and OM content of soil in 5 sample sites</i>	BSWM				
	No net loss of forest cover in Barangay Tadoc	<u>Not Achieved</u>	2.2.1.2 <i>Monitor net loss of forest cover in Tadoc</i>	Leyte, BSWM, DENR, DA				
	Stable or improved composite LDI monitoring system across 20,000 ha in two municipalities	<u>Achieved</u>						

	Agriculture: 3,038 ha Forrest: 734.26 ha Mixed system: 16, 227.74 ha							
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								
2.3-1) Increased in % of SLM guidance delivered by extension services	SLM training modules compiled, reviewed, updated and produced	1) <u>Achieved</u> for “compiled” 2) <u>Not Achieved</u> for “reviewed”, “updated” and “produced” (<i>subject to consultation with the consultant</i>)	2.3.1 Update SLM training modules 2.3.2 Produce copies of SLM training modules	BSWM				
2.3-2) Farming households adopt sustainable agricultural practices and integrated SFM/SLM	100% SLM guidance delivered by extension services through integration of complete SLM modules in the season-long FFS	<u>Not Achieved</u>	2.3.3 Develop an SLM-based Rice and Corn FFS <ul style="list-style-type: none"> • Identification of national and local experts on SLM • National and Local SLM Practitioners • Writeshop on the development of SLM-based R&C FFS • Pre testing of the Integrated SLM modules in the 3 zonal areas of the country 	DA-ATI				

			<ul style="list-style-type: none"> • Editing and packaging of the SLM R&C FFS • Issuance of AO for mainstreaming of SLM-based FFS to the plans and programs of the national and local governments 					
	At least 585 of the farming households in 2 targeted municipalities (3 Brgys. out of 46 Brgys. in Malaybalay City and 13 Brgys. out of 63 Brgys. in Abuyog) adopt sustainable agriculture practices and integrated SFM/SLM practices	<u>Not Achieved</u>	2.3.4 Mainstreaming SLM in the CDP	DILG-BLGD				
			2.3.5 Organize orientation-briefing with the BLGD director to facilitate the issuance of MC on mainstreaming SLM to the CDP	DILG-BLGD				
			2.3.6 BLGD and SLM PMO to meet (Letter to Sec)	DILG-BLGD				
			2.3.7 Undertake succeeding activities as instructed by the Director	DILG-BLGD				

			2.3.8 Facilitate Inclusion of the SLM component (indicator) to the Seal of Good Local Governance Qualification Criteria (suggestion from PPDO Bukidnon)	DILG-BLGD				
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								