Implementation of the Philippine Master Plan for Climate Resilient Forestry Development

August 26, 2021

Rationale	● Need to assess the status of implementation of PMPCRFD ● Need to identify issues, concerns, bottlenecks that affect implementation of the plan ● Need to formulate strategies to address issues and concerns

Objectives	● Agree and level of on the strategic and operational directions to address issues and concerns
	● Generate comments and recommendations from the field offices on:
	
	   - alignment of PMPCRFD targets and activities with the DENR UWMS
	   - logical framework of the PMPCRFD

Time	Activity	Responsible Person
8:00 AM – 9:00 AM	On-line registration and entry of participants in the virtual meeting room	
9:00 AM – 9:30 AM	Preliminaries	
	Prayer	Mary Edistine Henson, FPSS - FPPKMD
	National Anthem	AVP
	Acknowledgement of participants	Emcee
	Welcome Message	Edna D. Nuestro, Assistant Director, FMB
9:30 AM – 9:45 AM	Rationale, objective, and overview of the activity	Isabelita V. Austria, Chief, FPPKMD
9:45 AM – 11:30 AM	Results of the on-line meetings with the ROs re: PMPCRFD universe, baselines, targets, and accomplishment	Mary Edistine Henson, FPSS – FPPKMD
	Background	
	Major Findings	
	Updates on targets and accomplishments	
	Percent accomplishment in terms of PMPCRFD major targets	
11:30 AM – 12:00 NN	Open Forum	
12:00 NN – 1:00 PM	LUNCH BREAK	

Time	Activity	Responsible Person
1:00 PM – 1:45 PM	Strategic and Operational Directions re: PMPCRFD implementation issues and concerns	Edna D. Nuestro, Assistant Director, FMB
1:45 PM- 2:00 PM	Open Forum	
2:00 PM – 2:10 PM	Analysis of PMPCRFD vis-à-vis DENR Plans and Programs	Marlon M. Atienza, FPSS, FPPKMD
2:10 PM – 2:30 PM	PMPCRFD implementation framework vis-à-vis DENR UWMS	
2:30 PM – 3:00 PM	1st Draft of the PMPCRFD Logical Framework	
3:00 PM – 3:15 PM	Open Forum	
3:15 PM – 3:40 PM	Agreements	Isabelita V. Austria, Chief, FPPKMD
3:40 -4:00 PM	Closing Message and ways forward	Marcial C. Amaro, Jr. Asec. for PPFASP and Dir., FMB

Emcee: Anna Patricia Del Rosario, FPSS- FPPKMD

I.   Background

II. Major Findings

III. Updates on Targets and Accomplishment as of 2020

IV. Percent Accomplishment vis-a-vis PMPCRFD Target

V.   Strategic and Operational Directions vis-a-vis
      Implementation Issues and Concerns

VI. Analysis of PMPCRFD vis-a-vis DENR plans and programs

VII. PMPCRFD Implementation Framework vis-a-vis UWMs

VIII. Draft Logical Framework

IX. PMPCRFD Milestones and Timelines
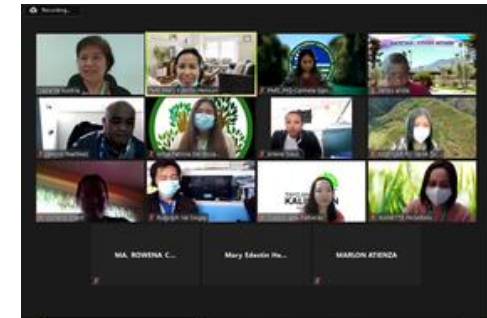
Off-shoot of the earlier meetings in the 1st Quarter 2021

1. Forestry Strategic Direction (January)

1. Levelling off on activities and targets under the PMPCRFD (March)

   - Purpose: reconcile targets and accomplishments under the PMPCRFD vis-à-vis universe and baselines

   - Conducted from 18 May – 08 June 2021

   - Use of google sheet as working document
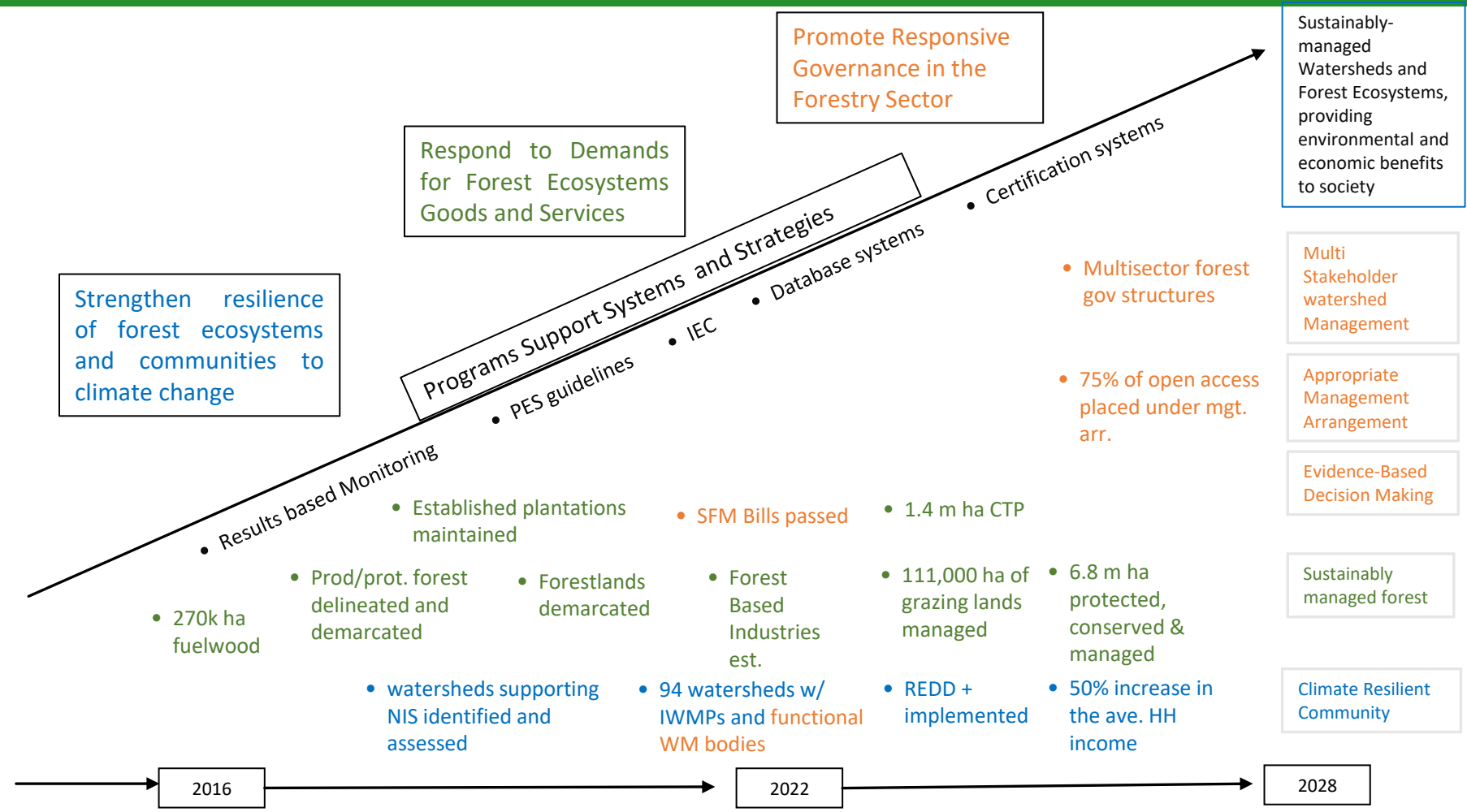
PMPCRFD Strategies	UNIVERSE	ACCOMP AS OF 2015	2016-2028 TARGET	2016-2020 ACCOMP	2021-2028 TARGET
A. Strengthening Resilience of Forest Ecosystems and Communities to Climate Change (13 activities)					
B. Responding to Demands for Forest Ecosystems Goods and Services (10 activities)					
C. Promoting Responsive Governance (5 activities)					
D. Other Support Strategies (4 activities)					

1. Universe, baselines, remaining annual targets for most activities **were not yet clearly defined/planned** (eg. support to agroforestry, support to urban forestry, development of barangay forests, ANR establishment, among others)

1. Most of the data in the records of FMB **do not match** with the data submitted by the regions in the google sheet (e.g. CRVA, IWMP preparation, FLUP, protection and production forest and NGP accomplishments)

3. Relatively **low accomplishments** in the following activities:

- Conduct of watershed characterization and vulnerability assessment (34%)
- Formulation of Integrated Watershed Management Plans (11.5%)
- Management of Grazing lands (43.7%)
- Commercial forest plantation development for round wood production (31.6%)
- Fuelwood/bio energy plantation development (12.1%)
- Forestry Investment Packages (43.7%)

4. **No accomplishment/incomplete data** in the following activities:

- Support to REDD+
- Barangay Forest Development

Watershed Characterization and Vulnerability Assessment of the 94 priority critical watersheds supporting NIS

Region	Universe (2016-2022)		Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	94*		45	49	47.8%	• Original target under the PMPCRD is 143 watersheds
NCR						
CAR	**2**		**2**	**0**	**100.00**	
Region 1	9		8	1	88.89	• As of 2018, out of the 143 watersheds, we have completed 121 CR, 74 VA and 107 IWMP.
Region 2	2		0	2	0.00	
Region 3	9		4	5	44.44	
Region 4A	13		3	10	23.08	
Region 4B	10		4	6	40.00	
Region 5	9		5	4	55.56	• Following the ridge to reef approach, these 143 turned to 94 PCWNIS. Hence, out of the said 94 watersheds, there are 45 CRVAs and 15 IWMPs prepared.
Region 6	9		5	4	55.56	
Region 7	**2**		**2**	**0**	**100.00**	
Region 8	11		8	3	72.73	
Region 9	3		0	3	0.00	
Region 10	**1**		**1**	**0**	**100.00**	
Region 11	4		1	3	25.00	• Source: FMB Database
Region 12	4		1	3	25.00	
Region 13	5		1	4	20.00	

III. Updates on targets and accomplishments as of December 2020

Preparation of Integrated Watershed Management Plans (IWMP) of the 94 priority critical watersheds supporting NIS (no)

Region	Universe (2016-2022)	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	**94***	**15**	**79**	**16%**	Source: FMB Database
NCR					● Original target under the PMPCRD is 143 watersheds
CAR	2	0	2	0.00	
Region 1	9	2	7	22.22	
Region 2	2	0	2	0.00	● As of 2018, out of the 143 watersheds, we have completed 121 CR, 74 VA and 107 IWMP.
Region 3	9	0	9	0.00	
Region 4A	13	2	11	15.38	
Region 4B	10	3	7	30.00	
Region 5	9	0	9	0.00	● Following the ridge to reef approach, these 143 turned to 94 PCWNIS. Hence, out of the said 94 watersheds, there are 45 CRVAs and 15 IWMPs prepared.
Region 6	9	1	8	11.11	
Region 7	2	2	0	**100.00**	
Region 8	11	3	8	27.27	
Region 9	3	0	3	0.00	
Region 10	1	1	0	**100.00**	
Region 11	4	0	4	0.00	
Region 12	4	0	4	0.00	
Region 13	5	1	4	20.00	
ARMM	1	0	1	0.00	

CR,VA and IWMP of the additional priority critical watersheds supporting NIS (no)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	37				• CRVA and IWMP will be undertaken after the completion of the 94 PCWNIS
NCR					
CAR	1				
Region 1	3				
Region 2	2				
Region 3	3				
Region 4A	1				• The list of watersheds supporting NIS was provided by NIA
Region 4B	2				
Region 5	3				
Region 6	3				
Region 7	8				
Region 8	8				
Region 9	0				
Region 10	1				
Region 11	0				
Region 12	0				
Region 13	2				
ARMM	0				

III. Updates on targets and accomplishments as of December 2020

CRVA of other Watersheds (no)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	2,093	40	20,53	1.91	• Universe was based on identification of other additional watershed (with names shapefiles and maps) • Regions are requested to submit names, shapefiles of those with CRVA and IWMP
NCR					
CAR					
Region 1					
Region 2					
Region 3		1			
Region 4A					
Region 4B					
Region 5					
Region 6					
Region 7					
Region 8		11			
Region 9		9			
Region 10		9			
Region 11		10			
Region 12					
Region 13					

III. Updates on targets and accomplishments as of December 2020

IWM Preparation of other Watersheds (no)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	2,093	36	2057	1.72	• Universe was based on identification of other additional watershed (with names shapefiles and maps)
NCR					
CAR					
Region 1					
Region 2					
Region 3					
Region 4A					
Region 4B					
Region 5					• The 2,093 watersheds identified came up from the workshop of FGDIS and WEMS last 2020 using Phil lidar images.
Region 6					
Region 7					
Region 8		11			
Region 9		9			
Region 10		13			
Region 11		3			
Region 12					
Region 13					

III. Updates on targets and accomplishments as of December 2020

Forest Land Use Plan (FLUP) Formulation (no)

Region	Universe 2016-2022	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	1,160	972	188	84	• Source: FMB Database
NCR					• Varies from the result of the regional consultation: universe: 1,170 municipalities with forestland - accomplished until 2020: 960 -remaining targets: 245
CAR	71	63	8	88.73	
Region 1	86	55	31	63.95	
Region 2	66	64	2	96.97	
Region 3	53	53	0	100.00	
Region 4A	82	47	35	57.32	
Region 4B	71	69	2	97.18	
Region 5	90	55	35	61.11	
Region 6	96	96	0	100.00	• some municipalities were delisted due to classification to PA, small FL, CADT, mangrove area, etc
Region 7	112	109	3	97.32	
Region 8	135	112	23	82.96	
Region 9	72	60	12	83.33	
Region 10	86	64	22	74.42	
Region 11	41	40	1	97.56	
Region 12	43	29	14	67.44	
Region 13	56	56	0	100.00	

III. Updates on targets and accomplishments as of December 2020

Assisted Natural Regeneration (ANR) Development (ha)

Region	Universe (2016-2022)	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	170,126	8,183*	161,943	4.8	• Accom based from regional consultation (AFOCO, INREMP, UDP and PA)
NCR					
CAR					• Under refocused NGP, regions to prioritize development of areas adjacent to existing forest for protection purpose, ANR may be used as modality
Region 1					
Region 2					
Region 3		60			
Region 4A					
Region 4B					
Region 5					
Region 6		8,083.37			
Region 7					
Region 8					
Region 9					
Region 10					
Region 11		40			
Region 12					
Region 13					

III. Updates on targets and accomplishments as of December 2020

Distance patrolled within existing forests and NGP plantations (kms)

Region	Universe	Accomp (km) (2016-2020)	Remaining target	% Accom	Remarks
Total	no universe	2,069,770**			● Accom from regional consultation ● Area of existing forest and established NGP plantations covered by the LAWIN patrol (kms) computed by the regions per TB
NCR					
CAR		33,982			
Region 1		29,821			
Region 2		2,131,894			
Region 3		25,379			
Region 4A		20,468			
Region 4B		38,125			
Region 5		49,581			
Region 6		921,748			
Region 7		16,029			
Region 8		28,035			
Region 9		25,277.85			
Region 10		17,518			
Region 11		20,018			
Region 12		16,358			
Region 13		66,820			

III. Updates on targets and accomplishments as of December 2020

Area of existing forest and established NGP plantations covered by the LAWIN patrol (ha)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	6.8 M	7.02 M		100	● Based on the recent data from NAMRIA, around 7.02 million hectares of forest were protected. ● In support of this activity, three (3) Fire, pest and disease management plans were prepared by two (2) regions: Region 1: 1 Region 10: 2
NCR					
CAR					
Region 1					
Region 2					
Region 3					
Region 4A					
Region 4B					
Region 5					
Region 6					
Region 7					
Region 8					
Region 9					
Region 10					
Region 11					
Region 12					
Region 13					
ARMM					

III. Updates on targets and accomplishments as of December 2020

Illegal Logging hotspots neutralized (no. of municipalities)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
Total	23	4	19	17.4	● Source: FMB Database
NCR					
CAR	0				● 3 Recurring hotspot municipalities, thus a total of 19 hotspot municipalities were reported or about 30% higher compared to CY 2019 with 14 hotspot Municipalities
Region 1	1		1		
Region 2	3	1	2	33.33	
Region 3	3		3		
Region 4A	0				
Region 4B	2		2		
Region 5	-				
Region 6	-				
Region 7	-				
Region 8	-				
Region 9	-				
Region 10	-				
Region 11	6	3	3	50	
Region 12	-				
Region 13	8		8		

III. Updates on targets and accomplishments as of December 2020

Mangrove rehabilitation & devt. (ha)

Region	Universe (2016-2022)	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	49,887	15,363	34,524	30.80	● Data from mangrove and beach forest under NGP + CBFM CARP
NCR					
CAR					● CBFM CARP: 747 ha
Region 1		631			
Region 2		1,101			●Further validation required to determine if areas available on the map are also available on the ground
Region 3		460			
Region 4A		1,873			
Region 4B		745			
Region 5		881			
Region 6		1,704			
Region 7		1,799			
Region 8		1,879			
Region 9		1,759			
Region 10		182			
Region 11		125			
Region 12		362			
Region 13		1,115			
ARMM					

Rubber based agroforestry (ha)

Region	Universe (2016-2022)	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	60,000	14, 219	45,781	23.7	●Data from rubber plantations under NGP
NCR					
CAR		30			
Region 1		0			●including CBFM CARP 2,410 hectares
Region 2		0			
Region 3		0			
Region 4A		0			
Region 4B		0			
Region 5		0			
Region 6		0			
Region 7		46			
Region 8		0			
Region 9		2,881			
Region 10		1,200			
Region 11		2,189			
Region 12		5,363			
Region 13		100			
ARMM					

III. Updates on targets and accomplishments as of December 2020

Bamboo based agroforestry

Region	Universe (2016-2022)	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	25,782	83, 134	-	100	• Data from bamboo plantations under NGP
NCR		0			
CAR		1,297			
Region 1		7,973			• CBFM CARP: 252.5 ha
Region 2		2,110			
Region 3		10,016			
Region 4A		2,639			
Region 4B		1,138			
Region 5		2,090			
Region 6		18,029			
Region 7		3,736			
Region 8		4,262			
Region 9		8,706			
Region 10		7,169			
Region 11		2,447			
Region 12		7,938			
Region 13		3, 584			

III. Updates on targets and accomplishments as of December 2020

Mixed commodity agroforestry

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	344,000	284,472	59,528	82.7	●AGF, coffee, cacao, rattan, HVC and mixed commodity
NCR		372			
CAR		14,695			
Region 1		9194			
Region 2		15,308			●CBFM CARP: 18,829 ha
Region 3		8,780			
Region 4A		19,696			
Region 4B		24,791			
Region 5		29,406			
Region 6		12,915			
Region 7		21,399			
Region 8		22,450			
Region 9		38,735			
Region 10		4,311			
Region 11		10091			
Region 12		16,497			
Region 13		17003			
ARMM					

III. Updates on targets and accomplishments as of December 2020

Forestland boundary & zones demarcation (ha)

Region	Universe (2016-2022	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	15, 805, 325				
NCR	15,368				
CAR	1,487,023				
Region 1	473,097				● The bills are still pending in Congress. Once, approved by the congress, demarcation shall be pursued
Region 2	1,714,695				
Region 3	942,387				
Region 4A	570,913				
Region 4B	1,747,038				
Region 5	541,189				
Region 6	407,317				
Region 7	243,522				
Region 8	11,181,214				● Thus, there are no accomplishment recorded yet
Region 9	790,125				
Region 10	897,134				
Region 11	1,928				
Region 12	1,144,400				
Region 13	1,339,800				

III. Updates on targets and accomplishments as of December 2020

Delineation of production forest (ha)

Region	Universe (2016-2022	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks	Region
TOTAL		5,832,839.15	-			Source: FMB Database
NCR		284,553.19				
CAR		191,538.80				
Region 1		460,378.27				
Region 2		293,012.32				
Region 3		171,564.64				
Region 4A		225,409.94				
Region 4B		345,504.03				
Region 5		300,487.20				
Region 6		321,321.91				
Region 7		502,284.06				
Region 8		563,446.42				
Region 9		380,493.59				
Region 10		375,290.31				
Region 11		362,196.75				
Region 12		733,836.73				
Region 13		321,520.98				

III. Updates on targets and accomplishments as of December 2020

Delineation of protection forest (ha)

Region	Universe (2016-2022	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks	Region
TOTAL		9,279,042.07				Source: FMB Database
NCR						
CAR		1,221,851.13				Including the accomplishment from ARMM: 301,053.24 has
Region 1		292,787.03				
Region 2		1,198,064.93				
Region 3		717,925.74				
Region 4A		237,525.77				
Region 4B		1,543,974.06				
Region 5		192,502.70				
Region 6		368,255.72				
Region 7		168,017.24				
Region 8		532,233.88				
Region 9		235,777.74				
Region 10		415,393.36				
Region 11		591,689.10				
Region 12		706,572.79				
Region 13		555,417.65				

III. Updates on targets and accomplishments as of December 2020

Delineation of production forest for potential investment purposes with corresponding shapefiles (km)

Region	Universe (km)	Accomp (km) (2018-2020)	Remaining target (km)	% Accom	Remarks
TOTAL	167,877	27, 418.30	140,463.70	16.33	● Source: FMB Database
CAR	15,018	640.00	14,378.00	4.26	
Region 1	13,159	457.00	12,702.00	3.47	
Region 2	13,610	1540.80	12,069.20	11.32	● Covering a total of 686,924.91 hectares for PIA
Region 3	7,100	1,700.51	5,399.49	23.95	
Region 4A	4,038	573.00	3,465.00	14.19	
Region 4B	31,417	929.00	30,488.00	2.96	
Region 5	10,105	726.21	9,378.79	7.19	
Region 6	3,018	852.00	2,166.00	28.23	
Region 7	19,488	1,326.26	18,161.74	6.81	
Region 8	12,421	1,468.00	10,952.80	11.82	
Region 9	2,180	1,154.00	1,026.00	52.94	
Region 10	1,890	1,908.95		100.00	
Region 11	7,388	4,150.00	3,238.00	56.17	
Region 12	11,930	3,130.00	8,800.00	26.24	
Region 13	15,116	6,862.37	8,253.63	45.40	

III. Updates on targets and accomplishments as of December 2020

Forestry Investment Package prepared (no)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL		12			● 9 regions were able to prepare 12 Forestry investment Packages ● Per TB, 1 investment package/region/year
NCR					
CAR		3			
Region 1					
Region 2		2			
Region 3					
Region 4A		1			
Region 4B		1			
Region 5					
Region 6		1			
Region 7		1			
Region 8					
Region 9					
Region 10		1			
Region 11					
Region 12		1			
Region 13		1			

III. Updates on targets and accomplishments as of December 2020

Development and maintenance of seed production areas (number of sites)

Region	Universe (2016-2022)	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	76	76	0	100%	1 calendar/SPA
NCR					
CAR	6	6	0	100.00	1 SPA/PENRO
Region 1	4	4	0	100.00	
Region 2	5	5	0	100.00	
Region 3	7	7	0	100.00	
Region 4A	5	5	0	100.00	
Region 4B	5	5	0	100.00	
Region 5	6	6	0	100.00	
Region 6	6	6	0	100.00	
Region 7	4	4	0	100.00	
Region 8	6	6	0	100.00	
Region 9	3	3	0	100.00	
Region 10	5	5	0	100.00	
Region 11	5	5	0	100.00	
Region 12	4	4	0	100.00	
Region 13	5	5	0	100.00	

Establishment of Commercial forest plantation development for round wood prodn. (ha)

Region	Universe (2016-2022)	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	627,963	198,709	1,240,589	31.6	●Report from the initial assessment of PMPCRFD in Jan 2021 was adopted (data from FCRD) ●INREMP also accomplished 3,564 ha.
NCR					
CAR		10,401			
Region 1		8,355			
Region 2		17,121			
Region 3		9,036			
Region 4A		4,641			
Region 4B		16,699			
Region 5		5,563			
Region 6		7,995			
Region 7		8,784			
Region 8		2,382			
Region 9		4,941			
Region 10		27,340			
Region 11		16,018			
Region 12		20,517			
Region 13		35,352			

III. Updates on targets and accomplishments as of December 2020

Fuelwood plantations establishment (ha)

Region	Universe 2016-2022	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	138,258	16,665	121,593	12.1	Fuelwood commodity of NGP" was considered Including FMP (2016-2020): 6581 ha CBFM CARP: 350 ha
NCR					
CAR		132			
Region 1		1009			
Region 2		478			
Region 3		1438			
Region 4A		802			
Region 4B		0			
Region 5		927			
Region 6		1199			
Region 7		91			
Region 8		2593			
Region 9		312			
Region 10		0			
Region 11		0			
Region 12		754			
Region 13					

III. Updates on targets and accomplishments as of December 2020

Management of grazing lands (ha)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	111,063	43, 313.57*	97,909	43.7	*Total existing FLGMA (43,313 ha)

FLGMA (2016-2020) 6 agreements issued covering an area of 1,293.62 ha |
NCR					
CAR		3,110.50			
Region 1		1,249.70			
Region 2		9,515.87			
Region 3		5,952.39			
Region 4A		985.00			
Region 4B		2,852.00			
Region 5		7,078.57			
Region 6		-			
Region 7		-			
Region 8		-			
Region 9		-			
Region 10		8,773.54			
Region 11		-			
Region 12		4,104.00			
Region 13		-			

III. Updates on targets and accomplishments as of December 2020

Watershed rehabilitation (structural measures in cu.m)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	16 regions	37,798 cu m		100%	To date we have 501 SWIS in 15 regions with capacity of 37, 798 cu.m
NCR					
CAR		2,,400 cu m			
Region 1		2,698.99 cu m			
Region 2		1,257.55 cu m			
Region 3		3,995 cu m			Other structural measures include: Small Farm Reservoir, Gabions, gabion check dams, Grouted Riprap or stone walls, and check dam
Region 4A		2,680 cu m			
Region 4B		4,154.03 cu m			
Region 5		2,157.02 cu m			
Region 6		3,450.03 cu m			
Region 7		2,268.98 cu m			
Region 8		4,965.03 cu m			
Region 9		3,146.42 cu m			
Region 10		8,64.88 cu m			
Region 11		1,950 cu.m			
Region 12		1,285 cu. m			
Region 13		525 cu.m			

Watershed rehabilitation (instrumentation)

Region	Universe	AWS Automated Weather Station	AWLS Automated Water Level Station	CTD Conductivity, Temperature and Depth Groundwater Sensor	Remaining target	% Accom	Remarks
TOTAL		47	16	8			• 1 set/region consist of AWS, AWLS and CTD
NCR		3	1				
CAR		3	1				
Region 1		3	1				• 3 AWS to cover the upstream, midstream and downstream
Region 2		3	1	1			
Region 3		3	1	1			
Region 4A		2	1	1			
Region 4B		3	1	1			
Region 5		3	1	1			• Other regions have not yet installed their CTD and have ongoing survey of the area where these will be installed
Region 6		3	1	1			
Region 7		3	1				
Region 8		3	1				
Region 9		3	1				
Region 10		3	1				
Region 11		3	1	1			
Region 12		3	1	1			
Region 13		3	1	1			

Support to urban forestry in major cities and urban centers (ha)

Region	Universe 2016-2022	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	2,397	463	2,954	19.55	● Includes the accomplishment classified as "urban" under NGP ● Target for Urban Forestry under the masterplan vis-a-vis ongoing development will be revisited
NCR		0			
CAR		0			
Region 1		0			
Region 2		0			
Region 3		0			
Region 4A		0			
Region 4B		0			
Region 5		69			
Region 6		15			
Region 7		31			
Region 8		0			
Region 9		0			
Region 10		0			
Region 11		328			
Region 12		20			
Region 13					

III. Updates on targets and accomplishments as of December 2020

Establishment and Operation of mechanized nurseries (no)

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	11	6	5	54.5	6-operational 5-for installation of seeder machine and irrigation boom
NCR	1	1			
CAR	-	-			
Region 1	-	-			
Region 2	1	1			
Region 3	1	1			
Region 4A	1	1			
Region 4B	-	-			
Region 5	2	2			
Region 6	1	1			
Region 7	1	1			
Region 8	-	-			
Region 9	1	1			
Region 10	-	-			
Region 11	-	-			
Region 12	1	1			
Region 13	1	1			

Organization of multi-sectoral collaborative management bodies

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	94	0	94	0	
NCR					● During the regional consultation, some regions reported organization of watershed management organization which consist of TWGs , RBOs and WQMAs.
CAR	2	0	2		
Region 1	9	0	9		
Region 2	2	0	2		
Region 3	9	0	9		
Region 4A	13	0	13		
Region 4B	10	0	10		
Region 5	9	0	9		
Region 6	9	0	9		
Region 7	2	0	2		● Accomplishment shall be based on the DMC for creation WMC
Region 8	11	0	11		
Region 9	3	0	3		
Region 10	1	0	1		
Region 11	4	0	4		
Region 12	4	0	4		
Region 13	5	0	5		
ARMM	1	0	1		

III. Updates on targets and accomplishments as of December 2020

Capacitation of multi-sectoral collaborative management bodies

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	94	0	94	0	Based on the regional consultation, total of 6 capacitation activities were reported.

Accomplishment shall be based on approved guidelines. |
NCR					
CAR	2	0	2		
Region 1	9	0	9		
Region 2	2	0	2		
Region 3	9	0	9		
Region 4A	13	0	13		
Region 4B	10	0	10		
Region 5	9	0	9		
Region 6	9	0	9		
Region 7	2	0	2		
Region 8	11	0	11		
Region 9	3	0	3		
Region 10	1	0	1		
Region 11	4	0	4		
Region 12	4	0	4		
Region 13	5	0	5		
ARMM	1	0	1		

Tenure issuance in open access forestlands

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	3,000,000	71,782	2,928,218	2.4	●3,907 existing tenurial instruments cover 2,397,427.59 has
NCR					● tenurial instruments issued from 2016 to present
CAR					
Region 1					
Region 2					-IFMA - 8/ 21,599.79 ha
Region 3					-SIFMA - 7/ 627.23 ha
Region 4A					-FLGMA - 6/1,293.62 ha
Region 4B					-FLAG -25/2179 ha
Region 5					-FLAgT -3/16.26
Region 6					-CBFMA - 79 / 44,903.426 ha
Region 7					-SPLULA -
Region 8					-SLUP - 128/ 1,163.56 ha
Region 9					
Region 10					
Region 11					
Region 12					

Tenure Issued from 2016-2020

REGION	CBFMA	SIFMA	IFMA	FLAG	FLAGT	FLGMA	SLUP	TOTAL
TOTAL	44903.4	627	215999	2,179.03	16.26	1,293.62	1,163.24	71,781.78
CAR				16.14			7.70	
1	572			359.30			229.91	
2	7618.17			46.66	0.22		204.41	
3	356.48			34.64			334.92	
4A	0			0.00			11.26	
4B	0			10.55	14.19		26.04	
5	0			621.89	1.85		10.29	
6	4381.087			0.00			3.56	
7	16472.13			248.58			305.06	
8	3436.419			519.86			11.60	
9	1566.14			0.00			6.93	
10	0			12.50			0.00	
11	0			0.00			0.00	
12	0			264.43			0.00	
13	10401			44.48			11.57	

Number of Policy Fora Conducted for the Enhancement of forest policies

Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
32	46	-	100	- Policy Fora is an activity target of FMB - FMB already conducted 46 policy fora thru the technical divisions. - Per masterplan, 2 fora/year

III. Updates on targets and accomplishments as of December 2020

Information, education and communication campaign

Region	Universe	Accomplishment (2016-2020)	Remaining target	% Accom	Remarks
TOTAL	17				
NCR	1				
CAR	1				
Region 1	1				
Region 2	1				
Region 3	1				
Region 4A	1				
Region 4B	1				
Region 5	1				
Region 6	1				
Region 7	1				
Region 8	1				
Region 9	1				
Region 10	1				
Region 11	1				
Region 12	1				
Region 13	1				
ARMM	1				

Maintenance of MIS/efIS

Region	Universe	Accomplishment (2016-2020)	Balance	% Accom	Remarks
TOTAL	17				● 1MIS/eFIS per region
NCR	1				● 1 central database
CAR	1				
Region 1	1				● Criteria should be in placed to determine if this activity is accomplished by the central and regional office.
Region 2	1				
Region 3	1				
Region 4A	1				
Region 4B	1				
Region 5	1				
Region 6	1				
Region 7	1				● -Although, all the systems are 100% functional, datasets should be complete and updated to be considered accomplished.
Region 8	1				
Region 9	1				
Region 10	1				
Region 11	1				
Region 12	1				
Region 13	1				
ARMM	1				

III. Updates on targets and accomplishments as of December 2020

Results Based Monitoring and Evaluation RBME

Region	Universe	Accomplishment (2016-2020)	Balance	% Accom	Remarks
TOTAL	17				● RBME is currently being developed by FMB. ● Regions to develop local RBME using the FMB RBME as reference
NCR	1				
CAR	1				
Region 1	1				
Region 2	1				
Region 3	1				
Region 4A	1				
Region 4B	1				
Region 5	1				
Region 6	1				
Region 7	1				
Region 8	1				
Region 9	1				
Region 10	1				
Region 11	1				
Region 12	1				
Region 13	1				
ARMM	1				

IV. Percent Accomplishment vis-a-vis PMPCRFD Target

1. Program to strengthen resilience of forest ecosystems and communities to climate change

	Universe	Target 2016-2022	Accom as of 2020	Remaining Target vs Target 2016-2022	Remaining Target vs Universe	% Accom Vs Target 2016-2022	% Accom vs. Universe
Watershed Characterization and vulnerability assessment	94	94	45	49	49	47.9	47.9
Integrated Watershed Management Plans of the PCWNIS	94	94	15	79	79	16.0	16.0
FLUP formulation of LGUs	1,160	1,160	972	188	188	83.8	83.8
Rehabilitation of degraded protection forest and PAs thru ANR dev't	272,126	170,126	8,183	161,943	263,943	4.8	3.0
Area of existing forest and established NGP plantations covered by the LAWIN patrol (ha)	6,800,000	6,800,000	7,200,000	0	0	100.0	100.0

1. Program to strengthen resilience of forest ecosystems and communities to climate change

	Universe	Target 2016-2022	Accom as of 2020	Remaining Target vs Target 2016-2022	Remaining Target vs Universe	% Accom Vs Target 2016-2022	% Accom vs. Universe
Mangrove rehabilitation & devt.	58,887	49,887	15,363	34,524	43,524	30.8	26.1
Support to REDD+	20	13	0	13	20	0.0	0.0
Support to AGF						68.8	68.8
Rubber based agroforestry	60,000	60,000	14,219	45,781	45,781	23.7	23.7
Bamboo based agroforestry	25,782	25,782	83,134	0	0	100.0	100.0
Mixed commodity agroforestry	344,000	344,000	284,472	59,528	59,528	82.7	82.7
Percent Accomplishment (unweighted)						44.0	43.2

2. Program to Respond to Demands for Forest Ecosystems Goods and Services

	Universe	Target 2016-2022	Accom as of 2020	Remaining Target vs Target 2016-2022	Remaining Target vs Universe	% Accom Vs Target 2016-2022	% Accom vs. Universe
Forestland boundary & zones demarcation	15,805,325	15,805,325	0	15,805,325	15,805,325	0.0	0.0
Development and maintenance of seed production areas (sites)	76	76	76	0	0	100.0	100.0
Commercial Forest Plantation Development	1,439,298	627,963	198,709	429,254	1,240,589	31.6	13.8
Fuelwood plantations establishment	297,235	138,258	16,665	121,593	280,570	12.1	5.6
. Management of grazing lands (ha)	111,063	99,203	43313.57	55,889	67,749	43.7	39.0
Reforestation of degraded watersheds areas	292,937	190,937	270,279	0	59,528	100.0	92.3

IV. Percent Accomplishment vis-a-vis PMPCRFD Target

2. Program to Respond to Demands for Forest Ecosystems Goods and Services

	Universe	Target 2016-2022	Accom as of 2020	Remaining Target vs Target 2016-2022	Remaining Target vs Universe	% Accom Vs Target 2016-2022	% Accom vs. Universe
Reforestation of degraded watersheds areas	292,937	190,937	270,279	0	22,658	100.0	92.3
Watershed rehabilitation (structural measures and instrumentation (regions supported)	16	16	16	0	0	100.0	100.0
Support to urban forestry in major cities and urban centers (ha)	3,417	2,397	463	1,934	2,954	19.3	13.5
Establishment and operation of mechanized nurseries (regions)	11	11	6	5	5	54.5	54.5
. Percent Accom (Unweighted)						51.2	46.5

IV. Percent Accomplishment vis-a-vis PMPCRFD Target

3. Program to Promote Responsive Governance

	Universe	Target 2016-2022	Accom as of 2020	Remaining Target vs Target 2016-2022	Remaining Target vs Universe	% Accom Vs Target 2016-2022	% Accom vs. Universe
Tenure issuance in open access forestlands (ha)	3,000,000	1,200,000	71,782	1,128,218	2,928,218	6.0	2.4
Organization of watershed management bodies for the 94 priority watersheds	94	94	0	94	94	0.0	0.0
Capacitation of watershed management bodies for the 94 priority watersheds	94	94	0	94	94	0.0	0.0
Conduct of Policy Fora	32	20	46	0		100.0	100.0
Percent Accom (Unweighted)						**35.3**	**20.5**

4. Support Strategies

	Universe	Target 2016-2022	Accom as of 2020	Remaining Target vs Target 2016-2022	Remaining Target vs Universe	% Accom Vs Target 2016-2022	% Accom vs. Universe
Information, education and communication campaign (regions and central office supported)	17	17	0	17	17	0.0	0.0
Upgrading of central data base system (central)	1	1	0	1	1	0.0	0.0
Upgrading of regional MIS facilities (regions)	16	16	0	16	16	0.0	0.0
Results based monitoring and evaluation	17	17	0	17	17	0.0	0.0
Percent Accom (Unweighted)						**0**	**0**

Percent Accomplishment vis-a-vis PMPCRFD Target

Average Percentage Accomplishment of the PMPCRFD

Activity	% accom (based on 2016-2022 target)	% accom (based on target until 2028)
1. Program to strengthen resilience of forest ecosystems and communities to climate change	44	43.2
2. Program to respond to demands for forest ecosystems services	51.5	46.5
3. Program to Promote Responsive Governance	35.3	20.5
4. Other Support Strategies	0	0
Average percentage (unweighted)	**32.62**	**23.6**

THANK YOU!

Forest Management Bureau
forestry.denr.gov.ph