

Druk Pegong Community Forest Management Plan

(1st Revision)



Chiwog: Phushar
Gewog: *Doteng*
Dzongkhag: *Paro*

Plan Period: 2023 –2033



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 ROYAL GOVERNMENT OF BHUTAN
 MINISTRY OF ENERGY & NATURAL RESOURCES
 DEPARTMENT OF FORESTS & PARK SERVICES
FOREST RESOURCES PLANNING AND MANAGEMENT DIVISION



No. DoFPS/FRPMD/FRPIS/CF_1(b)/2022-2023/ 300

September 29, 2023

NOTE SHEET

Sub: Approval of Revised Community Forest Management Plans (CFMPs)

Following the completion of their 10-year management plan periods, the community forests listed in *Table 1* undertook revisions and submitted their plans for review and approval by the department. These Community Forest Management Plans (CFMPs) were developed by the respective Forest Division in collaboration with Community Forest Management Groups (CFMGs).


The development of these CFMPs has been guided by the Forest and Nature Conservation Code of Best Management Practices of Bhutan, Volume III: Sustainable Forest Management, ensuring strict adherence to its guidelines and requirements. This collaborative effort reflects the priorities and needs of the CFMGs, taking into consideration both environmental and social safeguards. The process has placed a high priority on stakeholder engagement, emphasizing transparency, accountability, and long-term success.

The revised CFMPs include objectives, prescribed management strategies, and by-laws to regulate the functioning of the CFMGs. Additionally, they contain detailed information on forest inventories, biodiversity conservation measures, resource utilization plans, benefit-sharing mechanisms, and community capacity-building strategies.

The technical assessment and review of these CFMPs were meticulously conducted by the Forest Resources Planning and Implementation Section (FRPMS). It is worth noting that the revised CFMPs strongly emphasize community participation, with a focus on promoting conservation, sustainable resource utilization, community development, and the integration of traditional knowledge with modern scientific practices.

In accordance with Section 9(4) of the Forest and Nature Conservation Act 2023, the approval for the implementation of these revised CFMPs is hereby granted, based on the recommendation of the CFO, FRPMD.

Recommended by:


 (Sonam Longay)
Chief Forestry Officer

Approved By:


 (Director)
Department of Forest and Park Services

FRPMD/DoFPS/MoENR Post Box. No. 1345. Phone: (PABX) +975 (02) 334458/334487

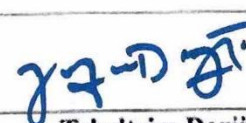
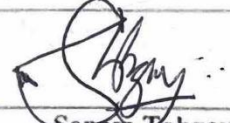
Annex 3: Approval Sheet

Name of Community Forest	Druk Pegong
Village	Phusher
Chiwo	Phusher
Gewog	Doteng
Dzongkhag	Paro
Production Area (Hectare/Acre)	184 Ha
Protection Area (Hectare/Acre)	5 Ha
Total Community Forest Area (Hectare/Acre)	189 Ha
Total CFMG Member (No. of HH)	49

Prepared and Submitted for Approval

	Community Forest Management Group	Forest Representative (CFMP Facilitator)	Gewog Administration	Forest Resources Planning and Monitoring Section	Divisional/Park Office
Signature					
Name	Sangay Tshewang	Namgay Dechen	Chimi Dorji	Thinley Tshering	Namgay
Title	Chairperson	Forestry Officer	Gup/Magmi	Deputy Chief Forestry Officer	Chief Forestry Officer

Reviewed and Recommended for Approval

Signature		
Name	Tsheltrim Dorji	Sonam Tobgay
Title	Focal Officer	Chief Forestry Officer
Division/Section	Forest Resources Planning and Implementation Section	Forest Resources Planning and Management Division

Approved By:



Director/Director General
Department of Forests and Park Services

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Acronyms

CF	Community Forest
CFMG	Community Forest Management Group
GRF	Government Reserve Forest
FNCRR	Forest and Nature Conservation Rules and Regulation
TFD	Territorial Forest Division
CFMG	Community forest management group
T-trees	Trees that can be used as timber
N-trees	Trees that cannot be used as timber
GFEO	Gewog Forestry Extension Officer
PRA	Participatory Rural Appraisal
HH	Households
Ha	Hectare
AHL	Annual Harvesting Limit
NWFP	Non-Wood Forest Product
DoFPS	Department of Forest and Park Services
BC	Bhutanese calendar

Glossary of Dzongkha Terms

Dzongkhag	District
Gewog	Block or Sub Dzongkhag administration
Thram No.	Land Registration Number
Drashing	Saw able tree (Girth 4'1" and above)
Cham	Beam/Rafter (Girth 3' to 11")
Tsim	Roof strut (Girth 1' to 2')
Dangchung	Poles (Girth below 1')
Resup	Forest watchmen

Executive Summary

The Druk Pegong Community Forest is situated on a gentle slope facing the North-East aspect under Doteng Geog, near the road head of Chumbu Nye. This community forest comprises 49 members as user groups. Initially, the Community Forest (CF) covered an area of 117 hectares within the State Reserve Forest for management. The first CF management plan, spanning from 2009 to 2019, successfully completed its ten-year validity period. The current revised management plan designates 184 hectares as production areas and 5 hectares as protection areas, totaling 189 hectares.

In general, the forest consists of Blue Pine Forest and mixed conifer forest with an uneven-aged, multilayer tree structure. The upper storey is dominated by *Pinus wallichiana*, *Picea spinulosa*, and *Tsuga dumosa* stands, with some *Populus* species. The middle storey includes *Quercus semicarpifolia*, *Q. glauca*, *Rhododendron spp.*, *Populus ciliate*, *Symplocus*, and others.

The altitude of the Community Forest ranges from 2493 meters to 2940 meters above mean sea level (masl). It is surrounded by DhoChhu to the south and Phushar Village to the east. Previously, there were two blocks, but with the revision, the CF was divided into three blocks for easier management. The canopy density is less than 70%, with thick undergrowth, and natural regeneration is not abundant throughout the Community Forest area. Both blocks experienced heavy extraction of timber and other resources due to easy accessibility and the presence of good-quality timber. The primary intention behind the establishment of the CF was to prevent outsiders from accessing and protect the water catchment.

The Druk Pegong Community Forest Management Group has the following management objectives:

1. Protecting the water source.
2. Preventing outsiders from collecting/harvesting forest resources.
3. Implementing a sustainable management regime in the area.
4. Preserving the pristine forest for future generations.
- 5.

In Block-1 (SEWGANGTO), the average basal area is **17.32 m²/ha**, with an Annual Allowable Cut (AAC) of **81.49 m³ (2878.36 cft)**, encompassing both coniferous and broadleaved species. In Block-2 (BENSEGANG), the average basal area is **24.06 m²/ha**, with an AAC of **154.89 m³ (5470.55 cft)**. The management plan spans a 10-year period, from **2023 to 2033**. It is divided into two parts: Forest Management and By-Laws. The forest management plan focuses on how CFMG will successfully manage and utilize forest resources sustainably, while the By-Laws section addresses the management and equitable sharing of available forest resources among CFMG members.

PART A: MANAGEMENT PLAN

Introduction

A decade ago, the community members of Druk Pegong Community Forest (CF) noticed the rapid degradation of the surrounding forest. This realization led them to propose the establishment of a community forest to take better care of and take ownership of the State Reserved Forest for improved resource management. Since its establishment in December 2009, the Druk Pegong Community Forest Management Group, consisting of 38 members, has successfully and sustainably managed the CF. They completed the initial 10-year management plan, recognizing the benefits of CF management and their continued interest in managing it for another decade.

Although the expired management plan was proposed for revision in July 2020, the ongoing pandemic delayed the revision. However, in July 2023, the division finally engaged in revising the CF management plan. The revised CF now covers a total area of 189 hectares and will be managed by 45 CFMG members. The CF is divided into two blocks, both having limited potential areas for timber harvesting within the plan period. Block-1 encompasses a total area of 52 hectares (33 hectares under protection), while block-2 covers 67.6 hectares as production areas (36.4 hectares under protection). The CF has an average basal area of **20.69 m²/ha**, with an Annual Allowable Cut (AAC) of **236.38 m³ (8348.909 cft)**, including both T-trees and N-Trees. However, the CF has significant potential for firewood extraction due to the abundance of *Quercus semicarpifolia* and other N-trees in both blocks.

The CFMG community is engaged in agriculture and horticulture crop farming for their daily livelihood. They also participate in livestock farming for self-consumption, with main cash crops including potatoes, apples, rice, and vegetables. The community relies on the CF for timber, firewood, leaf litter, fencing posts, flag posts, and Non-Wood Forest Products, as these resources are integral to rural life.

It's evident that the CF has improved the livelihoods of the CFMG members and contributed to their self-reliance and food security. The CFMG recognizes that the next 10 years of management will bring both challenges and significant opportunities to further strengthen community vitality.

Traditional Rights and Responsibilities

To establish a clear policy and plan for sustainable management and utilization of the Druk Pegong Community Forest, it is crucial to understand the historical practices of local people in managing and utilizing the surrounding forest when conservation was not a priority. In the past, resource utilization was highly unsustainable, and forest resources were abundantly harvested due to their availability and the limited number of users and demands. All members of the community had equal rights over resource utilization, and extraction was carried out freely by individuals.

However, with the implementation of the revised management plan, all rights and responsibilities regarding resource management and utilization are now conferred to the Druk Pegong Community Forest Management Group (CFMG). The CFMG is entrusted with the task of managing and utilizing the resources within the boundaries of the community forest in a sustainable manner. This shift in responsibility aims to ensure that the community forest is protected and its resources are managed for long-term sustainability.

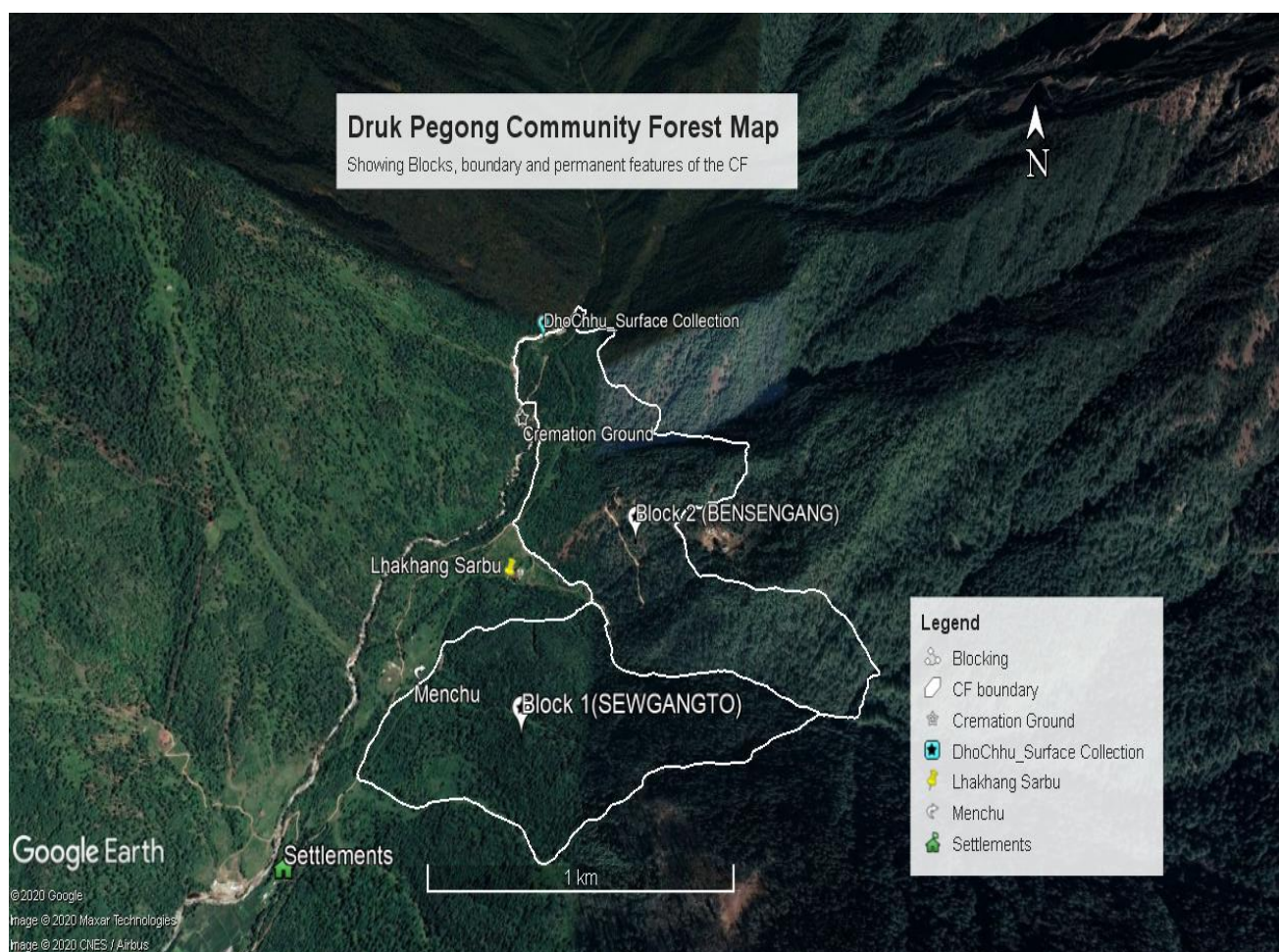
Product/ service	Rights	Responsibilities	Traditional Mgmt. System
Timber	Every Individual has right to harvest the product with valid permit.	Government control over it. DoFPS issue permit and mark trees for felling.	Collection of timber was free before 1990 and does not require any permits.
Flag Post	Collection can be done by every individual with valid permits.	Government control and DoFPS issue permits.	Collection of flag post was free.
Fencing post	Individual has right to extract or harvest the product with proper permits.	Permits are issued by The Department of Forest and Park Services.	They have free access for the collection of fencing post.
Fire wood	Every Individual has right to harvest with proper permits.	The DoFPS issue permits which is controlled by the Government	Collection of fuel wood does not require any permit regardless of the quantity. Fire wood collected and transported manually is free.
Fodder	All the individuals have right to collect or harvest the fodder.	No permits were issued by the Department of Forest,	Collection of fodder is free
Grazing land	All the members have rights to graze their Cattle without having to pay the taxes.	No permit is required for it.	Cattle are allowed freely to graze and no need to pay any tax on it.
NWFP (Mushroom & wild potato)	All the individual has right to collect.	All the individual has right to collect	All the individual has right to collect without permit.

Community Forestry Boundaries

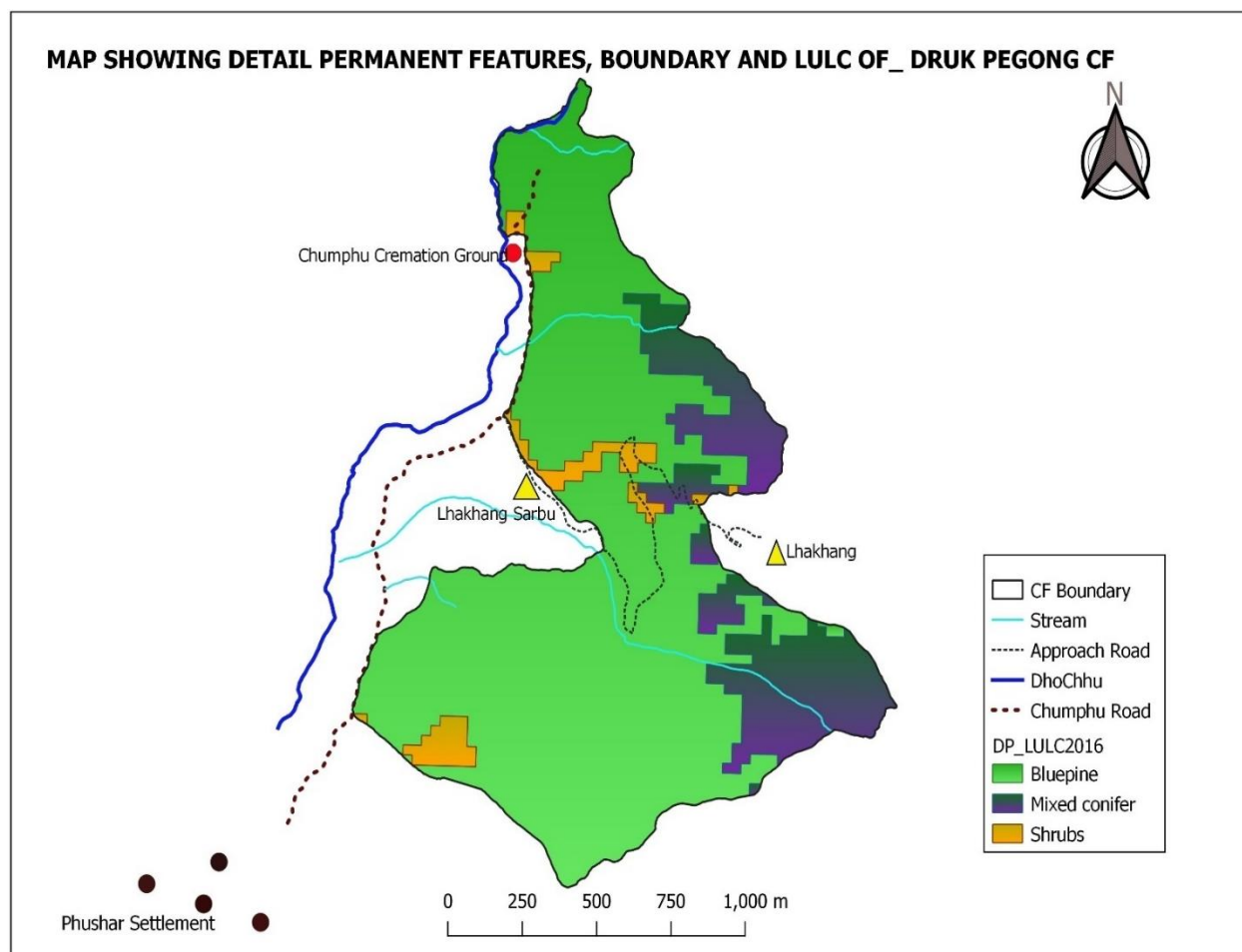
Total community forestry area(Ha): **189**
 Total production area(Ha) : **119.6**
 Non production area (ha) : **69.4**

Boundaries	Describe the permanent features
West	DhoChhu/Chumphu Cremation Ground/ Lhakhang Sarbu
East	-
South	Phushar Village
North	Meteorological Sub-station

Google Map of the Community Forest



Land Use Map of the Community Forest



Social Information

	<i>Descriptions by points</i>
Name of the villages:	Phushar chinto, Lhabji, Lhamgo (around villages)
History of the village:	Have traditional right over the proposed forest area
Ethnic groups with CFMG:	Native (Ngalops)
Infrastructures:	Drinking water supply, Road, Electricity
Total Household (HH) number:	49
Total human Population of CF area:	97
Gender Status (Male and female):	Male:43 Female: 54
Cattle population of the CF area:	43
Main crops:	Potato, rice, apple, other vegetables
Cropping pattern:	Mixed cropping
Criteria for well-being livelihood:	Land more than 5 acres, Off farm activities and number of cattle.

No. HH (wealthy)	Same income category
No. of HH (medium wealthy, if so)	Same income category
Average annual income:	50000 - 100000/-

Seasonal calendar

The seasonal calendar is similar to crop calendar. It reflects different farm activities carried out in certain communities as per the time framed. Therefore, drawing of seasonal calendar helps to avoid co incidences of farm activities with community Forestry activities.

Sl. No	Activities	Bhutanese calendar											
		1	2	3	4	5	6	7	8	9	10	11	12
1	Potato cultivation			0		0							
2	Paddy			0	0		0		0		0		
3	Wheat					0						0	
4	Millet											0	
5	Apple works	0						0					
6	Vegetables works	0	0		0								
7	Fuel wood	0	0										
8	Timber	0											0
9	Paro Tshechu			0									
10	CF Activities					X	X	X	X	X			

The cross marks (X) show the months in which the least agriculture activities are carried out. The CF activities are being accordingly planned.

Forest Information

Forest Conditions

Use the forest condition class box below to get the average condition for the CF			
Poor	<input type="checkbox"/>	Average	<input checked="" type="checkbox"/>
Good	<input checked="" type="checkbox"/>	Very Good	<input type="checkbox"/>
Does the main forest canopy consist of large, mature trees?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Fuana

Local Name	Zoological name
Samber	<i>Cervus unicolor</i>
Barking Deer	<i>Muntiacus mutjak</i>
Wild Pig	<i>Sus scrofa</i>
Kalij Pheasant	<i>Lophura leucomelanos</i>

List of forest products, who collects from forest

<i>List of products and services</i>	<i>Who collect from forest</i>		<i>Please mark (x) if collects by outsider (out of CFMG) and mention which village</i>
	<i>Male (M)</i>	<i>Female (F)</i>	
Timber	M		X (all applicant with valid permit)
Firewood	M	F	X
Fencing post	M	F	
Flag post	M		
Leaf litter		F	
Mushroom	M	F	
Fodder	M	F	

Number of blocks divided: 2

Block wise information

Name of the Block 1:	Sewgangto
Total area of the Block:	85 Ha (52 ha under production)
Basal Area	17.32 m ² /Ha

The Sewgangto block of the Druk Pegong Community Forest is bounded by Gentsha to Tongalum in the west and the traditional forest boundary of Sewganto to Tonaphu in the south. This block covers an area of 85 ha with an average basal area of 17.32 m²/ha. The dominant species in this block is blue pine, primarily in the cham and poles stages. The forest composition is mixed-conifer with uneven-aged trees. While there is abundant regeneration in some areas, other areas have scattered regeneration, emphasizing the importance of prioritizing the retention of plus trees.

Given the low average basal area of 17.32 m²/ha, there is fair potential for timber extraction within the 10-year management plan period.

Objectives for the Sewgangto block:

- To protect water sources within the block.*
- To improve and manage Non-Wood Forest Products (NWFP).*
- To control composition and improve stands, as well as promote natural regeneration.*

Management activities for the block include:

- Prevention of forest fires and illegal felling.*
- Initiating plantation in areas prone to landslides.*
- Controlling illegal collection of NWFP by outsiders.*
- Thinning and removal of dead, dying, and malformed trees.*

These activities aim to safeguard water sources, enhance the management of non-wood forest products, maintain and improve the composition and health of the forest stands, and ensure the sustainable utilization of resources within the Sewgangto block of the community forest.

Annual Allowable Cut (AAC).

In Block-1 of the Sewgangto block, the total volume of trees that can be harvested annually is **81.5 m³ (2878.35 cft)**. Out of which, **29.73 m³ (1050.14 cft)** consists of T-Trees, and **51.76 m³ (1828.21 cft)** are non-Timber tree species. This indicates that this block is more suitable for the collection of firewood and mushroom billets rather than timber extraction.

The table below shows Annual Allowable Cut (AAC) of different category of forest products by volume from Block-1.

Annual allowable cut for Block-1

Suitability of timber	Dangchung (m ³)	Tsim (m ³)	Cham (m ³)	Drashing (m ³)
T-Trees	0.37	2.47	4.16	22.73
N-Trees	0.71	2.13	3.87	45.05

NOTE: Annual Harvesting Limit of trees should account, trees removed through illegal, natural calamities, disease outbreak, developmental activities etc.

Whereas: N=Non timber trees and T=Timber trees.

Name of the Block 2:	Bensegang
Total area of the Block:	104 Ha (67.6 ha under net production)
Basal Area	24.06m ² /Ha

The Bensegang block extends along the ridges from the water tank to Sewgangto. It is demarcated by the DhoChhu river and the Chumbu Cremation ground in the southwest, stretching northward to the Meteorological sub-station. This block covers an area of 67.6 Ha under production, with an average basal area of 24.06 m²/Ha, indicating good forest condition. *Pinus wallichiana* is the dominant species in this block, followed by *Quercus semicarpifolia*.

The canopy density in this block is less than 70%, and there is abundant regeneration of bluepine in patches, except in rocky terrain. The soil type is clay-loamy. One notable feature of this block is its significant potential for surface collection, as 200 meters of river bank falls within the CF area, specifically within this block. Additionally, the CFMG will manage this block for the surface collection of sand and stone boulders for domestic uses.

This description highlights the geographical boundaries of the Bensegang block, the dominant tree species, the forest condition, regeneration patterns, and the potential for surface collection of resources.

Block Objectives:

- ✓ To protect and manage blocks for sustainable utilization of forest resources
- ✓ To protect timber and NWFP from outsiders.
- ✓ Protection of water catchments.
- ✓ Sustainable surface collection of sand and stone boulders for domestic uses.

Management Activities:

- ✓ Clearing of unwanted undergrowth and bushes if necessary.
- ✓ Control and sustainable felling of *Quercus* spp (Oak trees).
- ✓ Retention of mother trees.
- ✓ Plantation and protection of water catchments.

- ✓ *Prevention and control of forest fire.*
- ✓ *Regular patrolling to control illegal activities.*
- ✓ *Protection of Cypress (Tsenden Plantation).*
- ✓ *Sustainable surface collection from 200 meters stretches DhoChhu river bank for domestic purposes.*

The CFMG of the Bensegang block shall have rights over sand and stone resources for their own use. However, commercial purposes through surface collection are not allowed due to limited quantities available. It is important to note that mining and quarrying activities within the CF area are strictly prohibited according to the Forest and Nature Conservation Rules and Regulations (FNCRR) of 2019, specifically Rule 376. This regulation ensures the protection and conservation of the community forest by prohibiting such activities that may cause significant environmental damage and resource depletion.

7.2 Annual Allowable Cut (AAC).

In the Bensegang block, a total volume of **154.88 m³ (5470.554 cft)** of trees can be harvested annually. This includes **69.24m³ (2445.471 cft)** of T-Trees and **85.65m³ (3025.083cft)** of non-Timber tree species. These figures represent the allowable cut for timber extraction from the block within the specified management plan period. It's important to adhere to sustainable harvesting practices and consider the ecological balance while utilizing the forest resources. The table below shows Annual Allowable Cut (AAC) of different category of forest products by volume from Block-2.

Annual allowable cut for Block-2

Suitability of timber	Dangchung (m ³)	Tsim (m ³)	Cham (m ³)	Drashing (m ³)
T-Trees	1.43	4.01	7.06	56.74
N-Trees	2.70	7.25	9.54	66.17

Forest description

The Druk Pegong Community Forest is predominantly characterized by Blue Pine, with mixed conifer forest following closely behind. The mixed conifer species include Spruce, Hemlock, and even *Taxus baccata*. Cool broad-leaved species such as Oak, Champ, Poplar, Betula, and Rhododendron are also present, along with bamboo species in the undergrowth. The canopy density in the CF averages below 75%, and the entire area faces a northeast aspect.

The forest condition within the CF is considered moderate, with a notable presence of Cham and Drashing-sized trees. Regarding forest classification by age, the CF falls into the category of uneven-aged or irregular forest with a multi-layered canopy structure. Regeneration in the CF primarily occurs naturally from seeds, categorizing it as High Forest. However, the regeneration status varies throughout the community forest, with an average of 19 seedlings per hectare. Therefore, it is crucial to retain seed trees to foster healthy regeneration stands.

Within the CF, there are also Non-Timber (N) trees, which encompass malformed, diseased, and dwarf trees, as well as T-trees suitable for firewood. The collection of Non-Wood Forest Products (NWFP) is limited to domestic purposes, and the CFMG can collect these resources for their personal use within the community.

Regarding wildlife, the CF occasionally hosts species such as wild pigs, barking deer, sambar, and Himalayan black bears. Various bird species, including Nutcracker, Kalij pheasant, Yellow-billed blue magpie, and sunbirds, are commonly observed in the area.

Significantly, the entire CF area serves as a catchment area for DhoChhu (DoteyChhu), one of the main tributaries of PaaChhu. The water from DhoChhu is crucial for drinking and irrigation purposes throughout the Paro Valley.

Forest Type or vegetation type of Whole CF

Forest Types	Tick (✓)	Remarks, if any
Subtropical forest		
Chirpine forest		
Warm broadleaved forest		
Blue pine forest	✓	Maximum area under pure BP stands
Cool broadleaved forest		Dominant species Brown Oak
Mixed conifer forest	✓	Dominant species are Hemlock and Spruce
Fir forest		Only small patches of an area is under cool-broadleaved forest.
All forest types		
Grassland		

Main Species

Local Name	Botanical names
Tongphu	<i>Pinus wallichiana</i>
Say shing	<i>Pecia spinulosa</i>
Baa shing	<i>Tsuga dumosa</i>
Brown Oak (Bjishing)	<i>Quarcus semicarpifolia</i>

Forest Condition- Age

Mature <input checked="" type="checkbox"/> Main canopy of mature trees	Pole stage <input type="checkbox"/> Main canopy of pole- stage trees	Shrubland <input type="checkbox"/> Main canopy of shrubs, young trees or regeneration	Any <input type="checkbox"/> No continuous canopy. Isolated trees only
--	--	--	---

Forest Condition- Canopy density (main canopy)

Dense <input type="checkbox"/> Canopy density > 70%	Open <input checked="" type="checkbox"/> Canopy density < 70%	Very open <input type="checkbox"/> No real canopy. Isolated trees only
--	--	--

Forest Condition- Regeneration

Abundant <input type="checkbox"/>	Scattered/few <input checked="" type="checkbox"/>	None <input type="checkbox"/>
Regeneration easy to find in most places	Regeneration only in some places and hard to find	No regeneration
Write the names of the 3 main tree species in the regeneration		
1) Blue pine	2) Brown oak	3) Spruce
Regeneration: Seedlings > 30cm and < 1.3m height		

Forest Condition- Approximate density of seed tree (if any)

(v) Forest Condition – Approximate density of seed trees		
High <input type="checkbox"/>	Moderate <input checked="" type="checkbox"/>	Low <input type="checkbox"/>
> 50 seed trees per ha	10 - 50 seed trees per ha	< 10 seed trees per ha

Block Condition

Use the forest condition class box below to get the average condition for the block			
Poor <input type="checkbox"/>	Average <input type="checkbox"/>	Good <input checked="" type="checkbox"/>	Very Good <input type="checkbox"/>
Does the main forest canopy consist of large, mature trees?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Catchment Condition

Soil cover		Soil cover class	
> 50% of the soils are covered by vegetation		High	<input type="checkbox"/>
25 - 50% of the soils are covered by vegetation		moderate	<input checked="" type="checkbox"/>
< 25% of the soils are covered by vegetation		Low	<input type="checkbox"/>
Slope			
Slope (degrees)	Slope steepness class		
<10°	Gentle	<input type="checkbox"/>	
10° – 30°	Moderate	<input checked="" type="checkbox"/>	
> 30°	Steep	<input type="checkbox"/>	
Catchment Condition – Summary			
Use the catchment condition class box below to get the average condition for the block			
Less critical	<input checked="" type="checkbox"/>	Moderately critical	<input type="checkbox"/>
		Highly critical	<input type="checkbox"/>

Use table to decide on catchment conditions

Catchment Condition Class Box			
Slope category	Soil erosive	Cover class	Condition class
Flat	Erosive	Moderate or high	Moderately critical
		Low	Highly critical
	Non erosive	Any	Less critical

Moderate	Erosive	Moderate or high	Moderately critical
		Low	Highly critical
	Non erosive	Moderate or high	Less critical
		Low	Moderately critical
Steep	Erosive	Moderate or high	Moderately critical
		Low	Highly critical
	Non erosive	Moderate or high	Moderately critical
		Low	Highly critical

Biotic Pressure indications

Fire			Absent
Grazing		Limited	
NWFP collection(mushroom)		Limited	
Encroachment			Absent
Hunting			Absent
Shrub layer	Dense		
Leaf litter collection	Common		
Pole harvesting		Occasional	
Firewood collection	common		

Problem and opportunities

Problems	Opportunities	Management objectives	Activities for management of the forest
1. Limited pole sized species	To maintain and promote product capacity of CF.	Enhance regeneration Restock the harvested areas.	Cleaning, Thinning and removal of dead and diseased trees. Encourage regeneration by clearing under growths and unwanted tree species.
2. Sign of bark beetle infestation in SRF close to CF	Improvement of stand through thinning and removal of bark-beetle infested trees	Protection of stream and water source buffer.	Allotment of trees as rural house building timber and other construction purposes. Identify and retain mother tree

Silvicultural options and systems

Utilization	Improvement	Protection	Silviculture system	Comments
1. Timber Harvesting	Allotment of timber on single tree selection	No marking within 30m radius of streams. Strictly follow FNCRR,2020 (Amendment) for schedule of timber allotment.	Single tree selection. Identification of mother tree Debarking of logs and stump Felling should be as low as possible (minimum stump height)	Felling will be strictly as per the AAC.
2. Leaf litter collection	Collect leaf litter	Retain regeneration while cleaning forest floor	No schedule will be followed.	
3. Fire wood collection	Stand improvement	Retain elite trees as mother tree	Remove dead, dying & diseased trees.	

Forest Product Demand Assessment

Produce	No. of HH require produce annually	Annual requirement	Total requirement of the produce annually	Total requirement of the produce in 10 years
		Volume (cft)		
New construction (after 25 years)				
Drashing				
Cham				
Drashing				
Cham				
Tsim				
D/chung				
Firewood	22			

Annual Allowable Cut (AAC) T for Block 1 -SEWGANGTO

T-Trees					
Units	D/Chung	Tsim	Cham	Drashing	Total AAC
M³	0.37	2.47	4.16	22.73	29.73
CFT	13.21	87.19	147.09	802.66	1050.15

10 years in M³	3.74	24.69	41.65	227.25	297.32
10 years in CFT	132.12	871.87	1470.91	8026.56	10501.45
N-Trees					
Units	D/Chung	Tsim	Cham	Drashing	Total AAC
M³	0.71	2.13	3.87	45.05	51.76
CFT	24.91	75.31	136.73	1591.25	1828.21
10 years in M³	7.05	21.32	38.71	450.52	517.61
10 years in CFT	249.14	753.12	1367.34	15912.50	18282.10

Annual Allowable Cut (AAC) , Block 2 -BENSENGANG					
T-Trees					
Units	D/Chung	Tsim	Cham	Drashing	Total AAC
M³	1.43	4.01	7.06	56.74	69.24
CFT	50.66	141.51	249.38	2003.92	2445.47
10 years in M³	14.34	40.07	70.61	567.36	692.38
10 years in CFT	506.56	1415.15	2493.84	20039.16	24454.71
N-Trees					
Units	D/Chung	Tsim	Cham	Drashing	Total AAC
M³	2.70	7.25	9.54	66.17	85.65
CFT	95.19	255.95	336.87	2337.07	3025.08
10 years in M³	26.95	72.47	95.38	661.68	856.48
10 years in CFT	951.89	2559.49	3368.75	23370.71	30250.83
Annual Allowable Cut (AAC) for both Blocks					
T-Trees					
Units	D/Chung	Tsim	Cham	Drashing	Total AAC
M³	1.81	6.48	11.23	79.46	98.97
CFT	63.87	228.70	396.47	2806.57	3495.62
10 years in M³	18.08	64.75	112.25	794.61	989.70
10 years in CFT	638.68	2287.02	3964.74	28065.72	34956.16
N-Trees					
Units	D/Chung	Tsim	Cham	Drashing	Total AAC
M³	3.40	9.38	13.41	111.22	137.41
CFT	120.10	331.17	473.47	3927.21	4851.95
10 years in M³	34.00	93.79	134.09	1112.21	1374.09
10 years in CFT	1201.03	3311.67	4734.75	39272.08	48519.53

Annual Demand Vs Annual Allowable Cut

Annual Harvesting Limit CFT	<i>Dangchung(cft)</i>	<i>Tsim(cft)</i>	<i>Cham(cft)</i>	<i>Drashing(cft)</i>	Firewood (note that N trees can be used)
<i>Druk Pegong CF AAC</i>	63.87	228.70	396.47	2806.57	4851.95
Annual demand cft	33.25	31.5	300	2500	4000
Options and Management	The CF have sufficient annual allowable cut. Therefore, the demand of the CFMG can be met from the community forest.				

Forest Product and Species Preferences

Species	Uses	Timber	Firewood	Flag poles	Fencing post	Leaf litter	Agri. Tools
Blue pine	<i>Preference</i>	0000	000	000	000	0000	-
	<i>Availability</i>	++++	++++	++++	++++	++++	++++
Hemlock	<i>Preference</i>	00	00	-	000	00	-
	<i>Availability</i>	+++	+++	+++	+++	+++	+++
Fir	<i>Preference</i>	00	0	000	000	-	-
	<i>Availability</i>	+++	+++	+++	+++	+++	+++
Spruce	<i>Preference</i>	0000	000	000	0000	00	-
	<i>Availability</i>	++++	++++	++++	++++	+++	++++
Oak	<i>Preference</i>	-	0000	----	----	00	---
	<i>Availability</i>	++	++++	++	++	+++	++
Populus	<i>Preference</i>	-	-	-	00	-	-
	<i>Availability</i>	***	***	**	**	**	**
Acer	<i>Preference</i>	---	0	-	-	0	00
	<i>Availability</i>	***	***	**	**	**	**

0000 = Highly Preferred
++++ = Abundant availability

----- = Least Preferred
**** = scarcely available

Forest Management Procedures

Objectives	Which Block/part	Activities	Priority (H,M,L)	Procedures	Responsibility
<i>Water source protection.</i>	Dodachen	Restrict felling within 50 m radius. Plantation around water source Fencing around water source	H	Restrict felling of trees within 50 m radius of water source. Plantation of water plant species in source Fencing around source using local materials	CFMG members & executive members

<i>Plantation of preferred tree species in the barren or harvested areas.</i>	Chimtakha and Zagona	Carryout plantation in open or harvested areas.	M	Clearing of unwanted growths n removal of dead and diseased trees. Plant trees in open and harvested areas.	CFMGs and GFEO for technical support.
<i>Protect and restrict illegal activities within CF area.</i>	Whole area	Regular patrolling Create awareness.		Patrolling. Creating awareness. Fixing of sign board.	CF Executive committee members and CFMG members
<i>Cleaning</i>	Whole area	Removing unwanted flora species		Regular patrolling.	CFMG members and Forestry staffs
<i>Fire line</i>	Along CF boundary	1. Creating fire line		Clearing of debris and unwanted spp.	CFMG members and Forestry staff

Participatory Environment Assessment

Participatory Environmental assessment format for Druk Pegong community forest								
Activity proposed in CFMP	Potential Environmental Effects				Potential Socio-Economic Effects			
	Soil	Water	Wild animals	Plants	Traditional forest use	Cultural and religious values	Local employment	Local benefits from forest produce
Timber harvesting	--	--	--	---	++	+	++	+++
Fuel wood harvesting	--	--	--	+	0	0	+	+++
Fencing post and Flag pole harvesting	-	--	-	-	+	+++	0	+++
Clearing of bushes & removal of dead and diseased trees	+	++	-	++	+	+	+	+
Plantation	+++	+++	+++	+++	--	++	--	++
Water source protection	++	+++	++	++	0	++	0	++
Patrolling	++	++	++	+++	+++	++	+	+++
Grazing control	++	++	++	++	-	0	0	--

Address potential negative effects

Activity	Procedure
Timber harvesting	<ul style="list-style-type: none"> Not allowed to fell trees on steep slopes and around water source. Marking trees with silvicultural system by retaining seed trees. Strictly following harvesting limit prescribed in management plan.
Fire wood harvesting	<ul style="list-style-type: none"> No felling on steep slope. Marking dead, dying and diseased trees.
Flag post/fencing post harvesting	<ul style="list-style-type: none"> Allotment strictly based on need basis and as per by-laws. Will be met from thinning/cleaning materials.

Participatory Forest Resource and Services Monitoring

Objective	Indicator	How it will be monitored	Responsibility	Comments
1. Water source protection.	Water volume	To check the volume of water every year in a particular place.	CFMG members	Support from forest office.

2. <i>Plantation of preferred tree species in the barren or harvested areas.</i>	Barren area and harvested areas.	Counting no. of seedlings in a fixed area every year.	CFMG and committee members.	Support from forest office
3. <i>Protect and restrict illegal felling of forest products Community Forest area.</i>	No. of illegal apprehended	Report from <i>Resup</i> during CFMG meetings	CFMG members and committee members.	Fines will be strictly based on By-Laws drafted
4. <i>Cleaning and thinning</i>	No. of poles allotted for CFMG from thinning operation and improvement of regeneration	Regeneration survey and poles allotted	CFMG members and committee members	With support from forest office

Monitoring of CF activities

Chapter III, section 122-1232(page 28) of FNCRR-2017. The CFO/PM shall be responsible for conducting regular monitoring and evaluation of each community forest. The proper monitoring of activities and records will be done by CFMG with support from Forestry office. The Forest office will provide technical support to the CFMG members while implementing field activities (cleaning, thinning, plantation, pruning, tending) and other activities in the community forest.

The Forestry office shall coordinate Community Forest audit annually for check and balance of CF fund, addressing issues and mainstreaming the CFM plan activities.

Evaluation of CFM Plan

The community forest management plan will be evaluated after 5 years from the date of approval for reviewing the CF planned activities. The Forestry office will evaluate the activities that have been carried out during the five years of its management. The evaluation will also recommend the issues that need to be addressed in the next five-year management.

The forestry office will carry out final evaluation after completion of ten years of management. The plan revision shall commence if mid-term review has a satisfactory report on its management accordingly with the management plan.

Work plan for 10 years

Activities	1 st yr.	2 nd yr	3 rd yr	4 th yr	5 th yr	6 th yr	7 th yr	8 th yr	9 th yr	10 th yr	Remarks
Fireline creation/boundary demarcation	√	√	√	√	√	√	√	√	√	√	Entire management plan period
Regular patrolling											Once in every month

	√	√	√	√	√	√	√	√	√	√	
Stand improvement	√	√	√	√	√	√	√	√	√	√	10 ha/yr
Timber harvesting	√	√	√	√	√	√	√	√	√	√	As per the harvesting limit.
NWFP	√	√	√	√	√	√	√	√	√	√	If stock is available.

Note: At the end of every activity year CFMG in consultation with Paro Forest Division Office shall adopt activities to be carried out inside the CF based on requirement and situation. The activities may vary depending on CF management objectives

PART B: By-Laws

Membership Arrangement

Druk Pegong Community Forest shall be managed by the 48 households for another 10 years and it will come into effect after the formal approval by Department of forest and Park services

Eligibility

- a. Inheritances and native of Phushar Chiwog are allowed to become new members with proper census with Gung and Thram number. However, he/she need to pay Membership fees sum of Nu.10000/- (Ten thousand) in addition to the sum of expenditure incurred by one household on national wage rate pertaining to activities under taken in community forest.
- b. New members who have experienced family fragmentation from the original Thram and Gung are permitted to join the CF Membership upon payment of nu 10,000/- (Ten thousand). However, members with the same Thram are required to seek clarification regarding their eligibility.
- c. Outsiders (Purchased land) will be allowed to join the community forest upon payment of Nu.30,000.
- d. Annual Membership fee- Nu.500

Procedure for leaving CFMG

- a. Members willing to resign from CFMG should submit application to CF Chairperson.
- b. In case, if CFMG members voluntarily resigns after obtaining forest product benefits and timbers were found used for his/her own house construction, he/she should be allowed to resign by paying Nu. 100000/-The resignation information should be notified to Territorial Forest Division, Paro. Thereafter they will not be entitled to claim any construction timbers from SRF within 25 years.
- c. If CFMG members voluntarily resigns without obtaining any forest product benefits, he/she should be allowed to resign upon paying fine of Nu 10000- Nu 25000 based on the discussion of the CFMG which will be based on the situation of the member.
- d. Any members resigning from one Community Forest Management Group should not be allowed to be member of new CF. Resignation of the members should be notified to Paro Forestry Division.
- e. The above procedure is as per the resolution CFMG meeting held on 17/04/2023.
- f. CFMG wishing to resign form CF, must submit resignation application form as per annexure v.

Terms of Reference for CFMG management Committee

The Executive Members have been unanimously elected by the CFMG in presence of all the members. All committee members will serve for tenure of five years. In case he/she is found guilty of offence, they will be terminated and new committee members will be nominated in general CFMG meeting.

CFMG management committee formation

Sl.No	Name	CID	Responsibility	Male/Female	Phone Number
1	Sangay Tshewang	10803000857	Chairperson	Male	17617384
2	Chencho Pem	10803000821	Secretary	Female	17843117
3	Gyembo	10803000807	Accountant	Male	77211740 /17661072
4	Zam	10803000887	Chepoen	Female	17819793
5	Pema	11408000066	Observer	Male	17948629
6	Sangay Dorji	10803000895	Observer	Male	17622519
7	Lotey	10803000844	Resuup	Male	77459170
8	Sonam Donzin	10803000812	Resuup	Male	17627140
9	Sangay Wangmo	10803000827	Observer	Female	17473711
10	Yangchen Denkar	10803000881	Observer	Female	17949703

Roles of the CF Management Committee

1. Represents the CFMG in its interaction with other agencies including forestry staff.
2. Represents CFMG members during preparation and implementation of the CFMP.
3. Coordinates and organizes the administration of CF activities and operations and ensures that CFMG members fulfil their management responsibilities.
4. Responsible for the equitable distribution of benefits amongst CFMG members.
5. Responsible for management of forest resources.
6. Responsible for enforcing the by-laws of the CFMG and for collecting fines and penalties.
7. Responsible for ensuring that all the legal requirements for CF are met (Including all types of records that need to keep)
8. Responsible for establishing and maintaining the CFMG fund using money collected from various sources.
9. Responsible for organizing and conducting CFMG meeting when required.

TOR of Chairman

- Heads the CFMG.
- He/she also has right to report to Forest Office regarding activities in the CF.
- Organize CF meeting and play the lead role in implementation of the CF activities as per the community forest management plan;
- Approves applications for forest products (with secretary).
- He/she will be responsible for resolving any sort of conflict within CFMG members.
- He/ she is solely responsible for maintaining transparency and justice to the CFMGs and handling any official correspondences related to CF.

TOR of Secretary

- Assist the Chairperson and officiate him/her during his/her absence.
- During CF committee and CFMG meeting, he/she will keep the minutes of the meeting
- Maintaining record books such as attendance register, stock register, Inventory Record, Seedling & Plantation record, Forestry Product utilization record and signatory of Forest product permit.
- Assist chairperson in annual work planning
- Report compilation and submission to chairperson.

TOR of Treasurer

- Looks after any financial transactions on behalf of the CFMG.
- Keeps records of expenditure and labour contribution during CF activities.
- Deposit the community fund in the bank
- Collection of membership fees, fines and penalties
- Maintaining record books such as cash book, bank balance book.
- Receiving of money and issuance of money receipts.
- Joint signatory authority of CF Fund
- Declare financial status of CF during meeting

TOR of Resup

- Patrolling of CF area at least once a month.
- Maintain the records of offences
- Submit monthly patrolling report to chairperson.
- Attend meetings
- Report the illegal case to chairperson or Forestry In-Charge

TOR of Observers

- Observe CF activities are implemented as per work plan.
- They have right to monitor the behaviour of Committee members and bring the point to the group for discussion
- They will assist committee members during planning of CF plans.
- Attend as observer during auditing of CF
- Attend as observer during CF case settlement
- Observe whether By-Laws are implemented.
- Monitor marking sites

TOR of Messenger/Chepoen

- Convey message to CFMG
- Disbursement of letters.

Corruption by the committee members

Any corruption activities by the committee members shall be considered a serious offence and if found guilty, a fine of Nu.100000 shall be imposed upon the culprit.

Incentives to the committee members

The committee members on tour, workshop, meeting, and other official work to other places for the benefit of the CF shall be eligible to Nu.1000 per day from the CF budget.

Leaving the Committee

Committee members resigning with genuine reasons shall be verified by the whole CFMG. New executives will be elected and such elections shall be informed to Paro Forest Division.

Roles and responsibilities of the CFMG

- To follow the procedures and rules of CFMG as outlined in the CFMP and By-Laws.
- Participation in CFMG planning and decision making.
- Election of CF Management Committee members.
- Participation in drafting of the CF management plan and CFMG by-laws.
- Participation in CFMG meetings.
- Co-operation with CF Management Committee in carrying forest management and other management operation especially by contributing labor if required.
- Co-operation with the CF Management Committee regulating forest use by the other CF members and by outsiders.
- Become involved in other CFMG activities as planned.

Fees for forest products

Sl. No	Forest Products	Procedures	Fees (Nu)
1	<i>Timber (drashing, cham etc.,)</i>	As per demand	As per FNCRR
2	<i>Tsim</i>	As per demand	
3	<i>Dangchung</i>	As per demand	
4	Fire wood	2 nos per h/holds	
5	Flag post	108 nos. In death cases	
6	Fencing post	As per demand	
7	Sand and boulder collection	As per demand	As per FNCRR
8	Leaf litter	Only Collector	As per FNCRR
9	Mushroom	All member	As per FNCRR

Royalty

The Department shall not levy any royalty on forest produce harvested by the CFMG for personal use by the members of the CFMG. However, royalty shall be levied at prevailing commercial rates in case of sale of timber, sand, boulder, and other NWFP for commercial purpose.

Membership fees

Members of the Community Forestry Management Group will pay Nu. 500/- each as annual membership fees.

Offences and Penalties

Forest products illegally availed from the CF shall be dealt according to the FNCRR.

Benefit sharing procedures

Resource equitable distribution

- Any forest resources cannot be entitled to all CFMG members until the genuine need is verified by the committee.
- Annual timber requirement by CFMG will be approved for 1 new house construction, four renovation and three cowshed constructions. The provision is subjected to change as per AAC and during emergency situations
- The quantum per occasion will be guided by the demand assessment and annual harvesting limit.
- If the number of applicants constructing the house exceed the prescribed number in the demand with same weightage of genuineness and emergency. The timber from the annual harvesting limit will be divided equally to all applicants and shall not claim the balance from the CF.

1. Timber

The timber allotment to the CFMG will be done according to the existing forest rules for all types of construction in the following manner:

- Submission of application (Construction Approval and Lhathram) to the chairman
- The trees not felled after 2 years from the day the permit is issued shall be seized and the application of the applicant will not be entertained for 25 years for new construction and 10 years for renovation as per FNCRR.
- The monitoring of timber utilization will be done by the executive members.
- After the allotment of 18 drashings, in case the shortage of timber still prevails, the committee is to allot the timber at 50% commercial rate per cubic foot as requisitioned by the applicant.
- In times of allocating the forest resources, the victims of natural disasters will be prioritised.
- Marking would be done by the area in-charge.

2. NWFP

- All CFMG has equal right to extract NWFP
- Members can collect NWFP for commercial purpose after the payment of fees
- Outsiders will not be allowed to collect NWFP from the CF

- Any collection of NWFP without valid permits shall be charged according to the FNCRR.
- 3. Firewood**
- Two standing trees (forked, diseased)
 - 1 truckload of dry firewood, lops and tops shall be collected by the CFMG annually
- 4. Leaf litter**
- The collection will be done as per the existing traditional practices but leaf mould will be charged according to FNCRR
- 5. Grazing**
- Grazing of cattle owned by the CFMG members shall be free of cost
 - Outsiders will not be allowed to graze their cattle in the CF. In case of such activities, each cattle shall be fined Nu.500

Surplus timber

The excess forest produces after fulfilling the demands of CFMG will be sold through open auction.

The timber will be sold in sown or log forms to individual buyers at NRPC rate. Advertisements will be given in media through Dzongkhag. Advertisement fees will be borne by the CFMG.
--

Harvesting, crosscutting, and transporting up to nearest road point will be done by the labours on payment of wages at the existing local rate from CF fund.
--

Table: Selling procedure of forest produce

Special Provisions

For victims of natural calamities and manmade disasters, the CFMG shall give the first priority in terms of sharing timbers upon verification by committee members. But no monitor compensation from CFMG account.

Fallen tree (Minus from AAC if sound):

- The preference will be given to CFMG at prescribed fees for any kind of use, otherwise it should be auctioned.

Other Forest Produces

- The other forest produces like firewood, leaf litter, sand, and stones are not available for sale from the CF.

Meeting and Labor Contribution Absentees

If a member does not turn up for a scheduled meeting, he or she shall pay Nu.1000. If the same person does not attend such meetings for the third time, he or she shall be terminated from the CFMG.

Reward System

Rewards to informants shall be as per the FNCRR.

Financial Transaction

Any financial transaction should have the signatures of the Chairman, Secretary, and Accountant.

CFMG Fund Management

Possible source of fund for the CFMG.

- Every cash collected as membership fees, contribution, forest product fees, fines, compensation, sale of services, donation, interest returns etc,
- Cash generated from the sale of surplus timber.

Fund management

- CF should have bank account with any financial institutions.
- The account shall be operated under the joint signatory nominated personal by CFMG.
- Money receipts should be issued for all payments received
- Contingency fund of Nu. 5,000 may be kept with the Treasurer.
- Amount up to over Nu. 5,000 (five thousand only) should be deposited within 10 days. Failure to deposit on time, the Treasurer shall be liable to pay the interest rate and deposit in the CF account.
- All money received should be recorded in the Cash Book by the Treasurer
- The Treasurer collects all contributions, fees, fines, donations and maintain records
- The Treasurer shall present the schedule of collections to the CFMG at least annually.
- There should not be any over-writing, use of correction of fluid, tearing of pages, etc. in the record keeping books and money receipts including permit books.
- All financial records should be made available to authorized auditing team/inspection team anytime.

Expected expenditure/ benefit sharing

Areas of fund use	Limit %
CF development activities (CF review, nursery creation, plantation, thinning, cleaning, salvage operation, sanitation, boundary demarcation, fire line creation, etc.)	Not less than 25
CFMG enhancement (Loan, capacity building, study visits, meeting, workshops, networking, visitors in CF, income generation and enterprises development, etc.).	Not more than 50
Reserve fund in the Bank (security)	Not less than 5
Others (to be decided by the CFMG members on e.g. incentives to victims of natural calamities, incentives to disadvantaged members/households, contribution to community <i>Lhakhangs</i> , water supply, farm road, etc.)	Not more than 20
Disbursement Procedure:	

- Any expenditure up to Nu. 10,000 shall be decided by the CF Management Committee and beyond that amount the decision shall be made by the 2/3rd majority of the CFMG members.
- The Treasurer shall maintain all detail expenditure records (receipts, vouchers, bills, including minutes of meetings, etc.). All such expenses shall be immediately recorded in the cash book.
- The Treasurer shall present the details of expenditure to the CFMG members and concerned inspection team(s).
- The concerned Forestry Officer shall ensure the compliance of above provisions.

Loaning of CFMG fund

Every CFMG member shall be given opportunity to avail loan from their respective CFMG fund with dully filled the annexure form ***XI to the CFMG***. The loan interest and term shall be decided by CFMG; however, any due loan should liquefy before expiry of the CFMP or whichever comes in rule (*term/CFMP duration*):

- Loan from CFMG fund shall not be given to non CFMG members.
- The borrower must be of 18 years and above.
- Only one member from the household is eligible for loan at a time.
- Should not have any outstanding loan in the CFMG.
- The borrower should have his/her census in a household who is member of the CF.
- Need of mortgage or guarantor shall be decided by the CFMG.

Interest Rates

CFMG members shall decide on the interest rate during general meeting with 2/3rd majority following the provisions mentioned above. The interest rate shall be on annual basis. However, the interest rate should not exceed 15% per annum in accordance with section 17 (1) of the Movable and immovable Property Act or Bhutan 1999.

CFMG may apply different interest rate e.g. lower interest or interest-free loan for members of disadvantaged and single woman headed households.

Meeting

Community meeting

- The CFMGs will conduct the meeting twice a year. (9th month of BC-for timber permit issuance and forest monitoring on 5th month of BC -for auditing, planning for CF activities in a year).
- During the meeting, the CF activities (plantation, Permit issuance, auditing, illegal /offences) collection of entry fees, financial status and achievements will be presented and discussed in detail.

Conflict Management

- The Community Forest executive members shall have right to resolve or manage any conflicts arising among the Community Forest Management Group members, in the course of implementing the CF Management Plan.
- If conflict arises due to non-compliance to By-Laws and Executive committee decision, the case will be forwarded to Geog office.
- In case of failure to resolve the conflict, the matter shall be forwarded to Forestry office for solution.

- If the conflicts don't dismiss, the cases shall be forwarded to the District Court, Paro for final settlement.

CONFLICT



COMMITTEE MEMBERS



GEWOG GUP



TERRITORIAL DIVISION



DISTRICT COURT

Amendment of CFM plan

- The CFMG members shall make minor changes as and when required in consultation with forest office with prior advice and approval.
- The CFMG shall have right to approach the Forestry Office for an amendments of present management plan during the course of its Ten year implementation period.
- The major review and amendments will be done only after the completion of the plan period of ten years from the date of issuance of ownership certificate.

Power of the Department

- The Department of Forest has the power to take action with regard to both forestry and other development activities in the part or whole of the community Forest despite the powers of CFMG as described in Chapter III, Section 103-106 (FNCRR 2017). In addition, the Department of Forest is empowered to:-
 1. Take action against violators of the Act, Rules, or Management Plan regardless of whether requested by CFMG or not.
 2. Inspect, monitor, review the records of and otherwise supervise the activities of the CFMG, and take action(including revocation of the CFMG's certificate, whether warranted under these Rules) against the CFMG or any of its members who may be acting in violation of the provisions of the management Plan or any provisions under this chapter.
 3. Establish record keeping and financial reporting obligations.

CF's Sustainable Goal for the Next 10 Years

The CF aims to protect its forest from illegal intruders, preserve its watershed areas, and engage in sustainable harvesting of forest resources to ensure its long-term sustainability. In the upcoming years, the CFMG plans to undertake plantation activities to safeguard the forest from degradation caused by rampant illegal activities, primarily associated with the presence of Acer plants. Additionally, the CFMG intends to utilize the CF funds to benefit its members by providing loans, which has proven helpful in times of death and sickness. This positive trend will continue.

Furthermore, the CF recognizes the need to address the issue of illegal activities initiated by CFMG members themselves. To tackle this challenge, the executive members plan to implement adequate advocacy measures. They aim to promote sustainable management of forest resources, not just for the present generation but also for the benefit of future generations and their children. By emphasizing responsible practices within the CFMG, they aspire to ensure the long-term viability of the forest and the community it sustains.



འབྲུག་སྤྱི་ཁབ་གངས་ཁྱོད་སྡེ་ནགས་ཚལ།

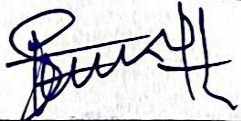
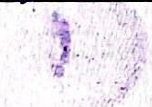




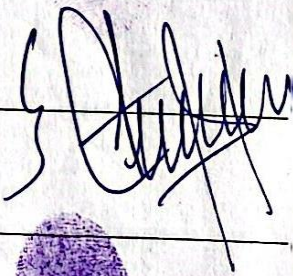
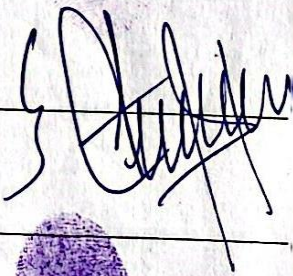



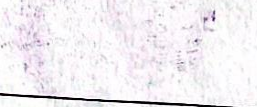
དོང་སྤེང་རྟོག་འགྲུལ་སྡེ།

Druk Pegong Community Forest
Doteng Gewog, Paro



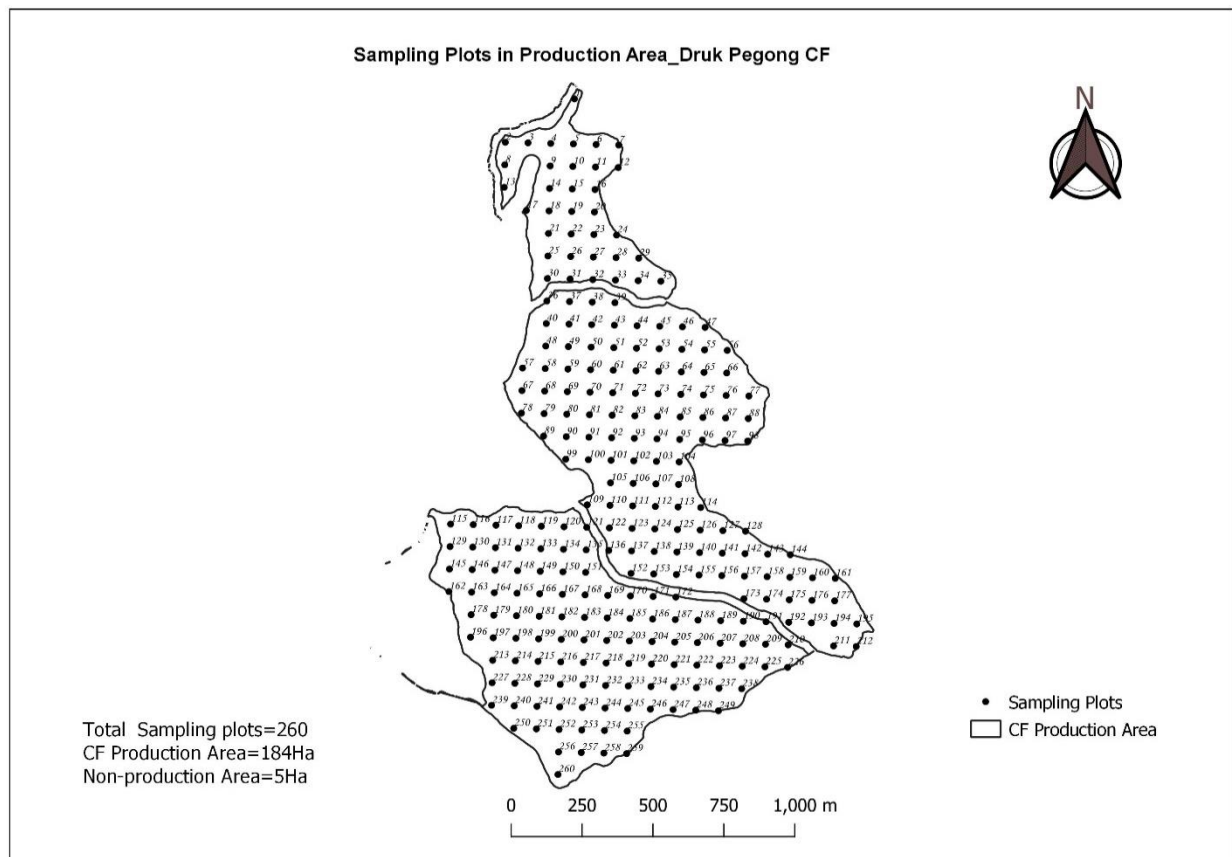
ཨ་དེས་ གྲིཛ་སྟོང་ ༡༢-༠༧-༢༠༢༣ ལུ་ དོང་སྤེང་རྟོག་འགྲུལ་སྡེ་ནགས་ཚལ་ནང་ལུ་ཡོད་པའི་ མུས་མི་ཚུ་གི་
རྒྱུ་འབྲས་གསལ་ལྟར།

ཨང་	གཡུ་ས་	མིང་གསལ་	མི་ཁྲུང་ཨང་	ཁྲུང་ཨང་	གུང་ཨང་	བརྒྱུད་འཕྲིན་ཨང་	ལག་རྒྱུ་འབྲས་ལག་འཕྲིས་
༠༡	འཕུ་རུབ་	བགྱིས་	༡༠༤༠༣༠༠༠༢༢༢	༡༤༡	༡༥༣-༡-	༡༢༤༠༠༩༥༩	
༠༢	ལྷ་སྟོང་	བསོད་ནམས་དོན་འཛིན་	༡༠༤༠༣༠༠༠༤༡༢	༠༧	༡༤༡-༡-	༡༢༤༢༢༡༧༠	
༠༣	ལྷ་སྟོང་	བཟང་མོ་	༡༠༤༠༣༠༠༠༤༤༢	༣༥༩	༡༢༧-༡-	༡༢༩༤༧༢༤༧	
༠༤	ལྷ་སྟོང་	བསྟན་འཕེལ་ལྷུག་	༡༠༤༠༣༠༠༠༦༧༢	༢༠༡	༡༤༡-༡-	༡༢༤༥༥༢༣༤	
༠༥	ལྷ་སྟོང་	བཅན་སྟོན་ལྷ་སྟོང་	༡༠༤༠༣༠༠༠༤༧༩	༠༩	༡༤༡-༡-	༡༢༩༩༩༢༢༤༤	
༠༦	ལྷ་སྟོང་	རིག་འཛིན་ལུ་དར་	༡༡༧༠༤༠༠༠༠༦༩	༧༢༧	༡༡༤༣-༡-	༡༢༢༩༣༥༠༢	
༠༧	ལྷ་སྟོང་	པ་མ་	༡༡༧༠༤༠༠༠༠༦༦	༡༤༣	༡-༡-༡༤༣	༡༢༧༢༢༠༠༣	
༠༨	འཕུ་རུབ་	ཚུལ་ཉིད་བཟང་མོ་	༡༠༤༠༣༠༠༡༥༥	༧༢༧	༡༡༤༠-༡-	༡༢༤༤༢༣༩༤	
༠༩	ལྷ་སྟོང་	བགྱིས་ཚུལ་འཛིན་མས་	༡༠༤༠༣༠༠༠༤༦༦	༤༣༠	༡༤༥-༡-	༡༣༠༦༢༠༩	
༡༠	ལྷ་སྟོང་	ཆེ་རིང་པ་མོ་	༡༠༤༠༣༠༠༠༤༧༥	༠༩	༡༤༩-༡-	༡༢༩༧༩༠༥༣	
༡༡	ལྷ་སྟོང་	བསོད་ནམས་ལྷ་སྟོང་	༡༠༤༠༣༠༠༠༤༧༣	༧༦༠	༡༤༢-༡-	༡༢༤༤༠༧༢༩	

24	འཕུརུབ	མགོན་བུ་དོན་	70403000342	24	ཉམེད་ལཱ-7-	72000720	
26	ཁ་ལོག	བཅོན་སྒྲིག་པ་ལྷོ་	70403000427	04	7-7-63	72403772	
27	ཁ་ལོག	རྩ་མགོན་ལྷ་མཆོན་ (Lugyen Denan)	70403000740	04	76-7-3	72636003	
28	ལྷ་ལྷོ་	བདེ་ཆེན་ལྷོ་	70403000442	702	723-7-	72620706	
29	ལྷ་ལྷོ་	བསོད་ནམས་ལྷ་སྒྲོན་	70403000030	022	7724-7-	72430206	
30	ལྷ་ལྷོ་	སངས་རྒྱལ་དོན་	70403000404	03	726-7-	72622470	
31	ལྷ་ལྷོ་	ཀམ་དོན་	70403000443	07	720-7-	72034423	
32	ལྷ་ལྷོ་	སངས་རྒྱལ་ཆོད་བད་	70403000442	07	720-7-	72672340	
33	ལྷ་ལྷོ་	མགོན་བུ་ཀའ་	70403000240	200	7723-7-	72232743	
34	ལྷ་ལྷོ་	འཛིན་ཆེན་ལམ་ལའ་ལྷོ་	70403000477	00	767-7-	72624606	
36	ལྷོ་ལྷོ་	དབྱངས་ཅན་བཟང་མོ་	70403000426	70	722-7-	72020200	
37	ལྷ་ལྷོ་	འཛིན་ཆེན་ལྷོ་	70403000000	447	ཉམེད་-7-77	22376434	

34	ལྷོ་མོ་	ཆེ་ཤིང་ལྷོ་མོ་	704000000006	00	7-7-67	2222222222	
35	ལྷོ་མོ་	ཀྱལ་གཞུང་	704030000000	66	777-7-	72667266	
36	ལྷོ་མོ་	འཛམ་གླིང་ལྷོ་མོ་	77270000260	303	777-7-7-	72276222	
37	ལྷོ་མོ་	དབང་ལྷན་ (Lama Dangi)	704030000227	223	777-72-7-	72444422	
38	ལྷོ་མོ་	དཀར་མདོ་	704030000226	664	777-66-7-	72222303	
39	ལྷོ་མོ་	འཛམ་གླིང་ཆེ་ཤིང་	702030003602	344	777-7-	72666266	
40	ལྷོ་མོ་	སངས་རྒྱལ་དབང་མོ་	704030000222	02	777-7-	726622277	
41	ལྷོ་མོ་	ཡམ་ལུ་ལྷན་	704030007220	362	77732-	72666643	
42	ལྷོ་མོ་	འཛམ་གླིང་	704030007372	360	77737-	72666666	
43	ལྷོ་མོ་	དབང་ལྷན་གྱི་འཛམ་གླིང་	704030000260	473	7-7-733	22277220	
44	ལྷོ་མོ་	འཛམ་གླིང་	704030000267	463	77703-	22277220	
45	ལྷོ་མོ་	ཡམ་ལུ་ལྷན་	7740000762	7746	7777-7-	22304027	

Annexure II: Map showing sampling plots in production area



Annexure III: Stand and stock table (Number of trees) Block 1

Format 5: Stand & Stock Table: Number of Trees														
1. Name of CF		:	Druk Pegong											
2. Block Name/No.		:	Sewganto (Block 1)		Area	85								
3. Number of sample plots		:	107											
4. Estimated parameter		:	Average Number of Trees											
Dbh class (cm). Write in all values to 2 decimals														
Species group	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120+	total	%
<i>Pinus wallichiana</i>	4.49	5.98	3.36	3.36	2.80	0.75							20.74	15.66%
<i>Picea spinulosa</i>	2.99	8.22	5.79	4.30	3.18	0.75	0.19						25.42	19.18%
<i>Tsuga dumosa</i>	1.68	2.24	3.36	3.92	3.36	0.93	0.56	0.19		0.37			16.63	12.55%
<i>Abies densa</i>														
<i>Cupressus comyana</i>														
total conifer	9.16	16.45	12.52	11.59	9.34	2.43	0.75	0.19		0.37			62.79	47.39%
<i>Quercus semicarpifolia</i>	9.90	7.48	5.98	5.23	5.05	4.86	0.56	0.56	0.19				39.81	30.04%
<i>Quercus griffithi</i>	0.37	0.93	0.75	0.56	0.56	0.75	0.19						4.11	3.10%
<i>Quercus glauca</i>	0.56	1.87	1.87	2.43	2.43	2.24	0.75	0.37	0.19				12.71	9.59%
<i>Rhododendron spp</i>	1.68	0.19											1.87	1.41%
<i>Betula</i>	0.56	0.75											1.31	0.99%
<i>Acer spp</i>	0.56	0.75			0.37								1.68	1.27%
<i>Other Broadleave</i>	2.99	1.50	1.68	0.75	0.75	0.37				0.19			8.22	6.21%
total broadleaf	16.63	13.46	10.28	8.97	9.16	8.22	1.50	0.93	0.37	0.19			69.71	52.61%
total all species	25.79	29.90	22.80	20.56	18.50	10.65	2.24	1.12	0.37	0.56			132.50	100.00%
%	0.19	0.23	0.17	0.16	0.14	0.08	0.02	0.01	0.00	0.00			100.00%	

Annexure IV: Stand and stock table (Basal Area) Block 1

Format 6: Stand & Stock Table: Basal Area														
1. Name of CF		Druk Pegong												
2. Block Name/No.		1		Net Production Area(ha) 52										
3. Number of sampling units :		107												
4. Estimated parameter		Average Basal Area per Ha (m2/ha)												
Dbh class (cm). Write all values to 2 decimals														
Species group	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120+	total	%
Pinus wallichiana	0.08	0.28	0.31	0.52	0.65	0.24							2.09	12.09%
Picea spinulosa	0.05	0.39	0.54	0.67	0.74	0.24	0.08						2.71	15.67%
Tsuga dumosa	0.03	0.11	0.31	0.61	0.78	0.31	0.24	0.10		0.32			2.82	16.28%
Abies densa														
Cupressus comyana														
total conifer	0.16	0.77	1.16	1.81	2.18	0.79	0.33	0.10		0.32			7.62	44.03%
Quercus semicarpifolia	0.17	0.35	0.56	0.82	1.18	1.59	0.24	0.31	0.13				5.35	30.88%
Quercus griffithi	0.01	0.04	0.07	0.09	0.13	0.24	0.08						0.66	3.83%
Quercus glauca	0.01	0.09	0.17	0.38	0.57	0.73	0.33	0.21	0.13				2.62	15.11%
Rhododendron spp	0.03	0.01											0.04	0.22%
Betula	0.01	0.04											0.04	0.26%
Acer spp	0.01	0.04			0.09								0.13	0.76%
Other Broadleave	0.05	0.07	0.16	0.12	0.17	0.12				0.16			0.85	4.91%
total broadleaf	0.28	0.63	0.96	1.40	2.13	2.69	0.65	0.52	0.26	0.16			9.69	55.97%
total all species	0.44	1.41	2.12	3.21	4.31	3.48	0.98	0.63	0.26	0.48			17.32	100.00%
%	0.03	0.08	0.12	0.19	0.25	0.20	0.06	0.04	0.02	0.03			100.00%	

Annexure V: Stand and stock table (Volume) Block 1

Format 7: Stand & Stock Table: VOLUME														
1. Name of CF		:	Druk Pegong											
2. Block Name/No.		:	1		Net production area (ha)						52			
3. Number of sample plots		:	107											
4. Estimated parameter		:	Average Volume per Ha (m3/ha)											
Dbh class (cm). Write all values to 2 decimals														
Species group	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120+	total	%
Pinus wallichiana	0.43	2.09	2.78	5.33	7.46	3.06							21.15	11.87%
Picea spinulosa	0.32	3.08	5.07	7.11	8.75	3.15	1.13						28.62	16.07%
Tsuga dumosa	0.12	0.53	1.76	3.74	5.19	2.15	1.82	0.82		2.72			18.85	10.58%
Abies densa														
Cupressus comyana														
total conifer	0.86	5.70	9.61	16.18	21.40	8.37	2.95	0.82		2.72			68.61	38.52%
Quercus semicarpifolia	0.92	2.58	4.95	8.36	13.65	20.39	3.43	4.76	2.13				61.16	34.34%
Quercus griffithi	0.03	0.32	0.62	0.90	1.52	3.14	1.14						7.67	4.30%
Quercus glauca	0.05	0.64	1.55	3.88	6.57	9.41	4.57	3.18	2.13				31.98	17.95%
Rhododendron spp	0.13	0.05											0.17	0.10%
Betula	0.05	0.25											0.30	0.17%
Acer spp	0.06	0.25			0.69								1.00	0.56%
Other broadleaves	0.24	0.42	1.08	0.89	1.47	1.30				1.83			7.22	4.05%
total broadleaf	1.49	4.51	8.19	14.03	23.89	34.23	9.14	7.94	4.25	1.83			109.50	61.48%
total all species	2.36	10.21	17.80	30.21	45.29	42.59	12.09	8.76	4.25	4.55			178.11	100.00%
%	0.01	0.06	0.10	0.17	0.25	0.24	0.07	0.05	0.02	0.03			100.00%	

Annexure VI Stand and stock table (Average Number of trees/ha) Block 2

Format 5: Stand & Stock Table: Number of Trees

1. Name of CF	:	Druk Pegong												
2. Block Name/No.	:	BENSENGANG/B2				Net Production Area (ha) 67.6								
3. Number of sample plots	:	142												
4. Estimated parameter	:	Average Number of Trees												
Dbh class (cm). Write in all values to 2 decimals														
Species group	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120+	total	%
Pinus wallichiana	23.09	17.60	13.38	11.12	6.76	3.94	5.91	0.84	0.14				82.80	36.10%
Picea spinulosa	1.97	2.11	1.13	0.84	0.14	0.14	0.14						6.48	2.82%
Tsuga dumosa	1.97	0.84	0.99	0.70	0.28	0.56							5.35	2.33%
total conifer	27.04	20.56	15.49	12.67	7.18	4.65	6.06	0.84	0.14				94.63	41.25%
Quercus semicarpifolia	25.63	19.43	11.69	6.76	4.79	1.55	5.35	3.10	0.28				78.58	34.25%
Quercus griffithi	2.96	4.37	3.52	1.83	0.70								13.38	5.83%
Quercus glauca	2.82	4.08	2.96	0.99	0.70	0.56	0.28		0.14				12.53	5.46%
Rhododendron spp	16.62	7.04	0.28										23.94	10.44%
Mechiala champ	0.99	0.56	0.28	0.14									1.97	0.86%
Other Broadleave	0.42	0.14	0.28	1.13									1.97	0.86%
Pinus wallichiana	1.27	0.56											1.83	0.80%
Tsuga dumosa					0.42		0.14						0.56	0.25%
total broadleaf	50.70	36.19	19.01	10.84	6.62	2.11	5.77	3.10	0.42				134.76	58.75%
total all species	77.73	56.75	34.50	23.52	13.80	6.76	11.83	3.94	0.56				229.40	100.00%
%	0.34	0.25	0.15	0.10	0.06	0.03	0.05	0.02	0.00				100.00%	

Annexure VII Stand and stock table (Average Basal Area/ha) Block 2

Format 6: Stand & Stock Table: Basal Area														
1. Name of CF		Druk Pegong												
2. Block Name/No.		BENSENGANG/B2								Net Production Area (ha) 67.6				
3. Number of sampling units:		142												
4. Estimated parameter		Average Basal Area per Ha (m2/ha)												
Dbh class (cm). Write all values to 2 decimals														
Species group	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120+	total	%
Pinus wallichiana	0.39	0.83	1.24	1.74	1.57	1.29	2.58	0.47	0.10				10.22	42.46%
Picea spinulosa	0.03	0.10	0.10	0.13	0.03	0.05	0.06						0.51	2.12%
Tsuga dumosa	0.03	0.04	0.09	0.11	0.07	0.18							0.52	2.18%
total conifer	0.46	0.97	1.44	1.98	1.67	1.52	2.64	0.47	0.10				11.25	46.76%
Quercus semicarpifolia	0.44	0.91	1.09	1.05	1.12	0.51	2.33	1.74	0.20				9.38	39.00%
Quercus griffithi	0.05	0.21	0.33	0.29	0.16								1.03	4.29%
Quercus glauca	0.05	0.19	0.28	0.15	0.16	0.18	0.12		0.10				1.24	5.15%
Rhododendron spp	0.28	0.33	0.03										0.64	2.66%
Mechiala champ	0.02	0.03	0.03	0.02									0.09	0.38%
Other broadleaves	0.01	0.01	0.03	0.18									0.22	0.90%
Pinus wallichiana	0.02	0.03											0.05	
Tsuga dumosa					0.10		0.06						0.16	0.66%
total broadleaf	0.86	1.70	1.77	1.69	1.54	0.69	2.52	1.74	0.30				12.81	53.04%
total all species	1.32	2.67	3.21	3.67	3.22	2.21	5.16	2.21	0.39				24.06	99.80%
%	0.05	0.11	0.13	0.15	0.13	0.09	0.21	0.09	0.02				100.00%	

Annexure VIII Stand and stock table (Average Vol./ha) Block 2

Format 7: Stand & Stock Table: VOLUME

1. Name of CF	:	Druk Pegong												
2. Block Name/No.	:	BENSENGANG/B2			Net Production Area (ha) 67.6									
3. Number of sample plots	:	142												
4. Estimated parameter	:	Average Volume per Ha (m3/ha)												
Dbh class (cm). Write all values to 2 decimals														
Species group	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120+	total	%
Pinus wallichiana	2.21	6.14	11.07	17.61	17.98	16.16	35.13	6.94	1.54				114.80	43.46%
Picea spinulosa	0.21	0.79	0.99	1.40	0.39	0.59	0.85						5.22	1.98%
Tsuga dumosa	0.14	0.20	0.52	0.67	0.43	1.30							3.26	1.23%
total conifer	2.55	7.13	12.57	19.68	18.80	18.05	35.99	6.94	1.54				123.27	46.67%
Quercus semicarpifolia	2.38	6.70	9.67	10.80	12.95	6.50	32.70	26.32	3.21				111.24	42.11%
Quercus griffithii	0.28	1.51	2.91	2.92	1.90								9.52	3.61%
Quercus glauca	0.26	1.41	2.45	1.57	1.90	2.36	1.72		1.60				13.28	5.03%
Rhododendron spp	1.24	1.80	0.16										3.20	1.21%
Mechiالا champ	0.08	0.18	0.19	0.18									0.63	0.24%
Other broadleaf	0.03	0.04	0.18	1.34									1.60	0.60%
Pinus wallichiana	0.12	0.20											0.32	
Tsuga dumosa					0.65		0.46						1.11	0.42%
total broadleaf	4.40	11.83	15.57	16.82	17.41	8.86	34.88	26.32	4.81				140.89	53.21%
total all species	6.95	18.96	28.14	36.50	36.21	26.92	70.87	33.26	6.35				264.16	99.88%
%	0.03	0.07	0.11	0.14	0.14	0.10	0.27	0.13	0.02				100.00%	

Annexure IX:

Forest resources assessment (Compilation sheet)

Format 4: Forest Resources Assessment: Compilation sheet								
1. CF Name		Druk Pegong			4. Block Area (ha)		85	
2. Block Name		Block 1			5. Local volume table		:.....	
3. Number of plots		107			6. Species group		Bluepine	
<i>col1</i>	<i>col2</i>	<i>col3</i> <small>(3 decimals)</small>	<i>col4</i> <small>(3 decimals)</small>	<i>col5</i> <small>(3 decimals)</small>	<i>col6</i> <small>(0 decimals)</small>	<i>col7</i> <small>(2 decimals)</small>	<i>col8</i> <small>(2 decimals)</small>	<i>col9</i> <small>(2 decimals)</small>
dbh class (cm)	class basal area (m2)	class volume (m3)	plot size (ha)	expansion factor	tally	nrha (stems/ha)	basha (m2/ha)	volha (m3/ha)
10-19	0.017	0.0955	0.05	0.187	24	4.485172	0.0762479	0.4283339
20-29	0.047	0.349	0.05	0.187	32	5.9802294	0.2810708	2.0871001
30-39	0.093	0.8275	0.05	0.187	18	3.363879	0.3128407	2.7836099
40-49	0.156	1.583	0.05	0.187	18	3.363879	0.5247651	5.3250205
50-59	0.233	2.66	0.05	0.187	15	2.8032325	0.6531532	7.4565985
60-69	0.327	4.0995	0.05	0.187	4	0.7475287	0.2444419	3.0644938
70-79	0.436	5.9405	0.05	0.187				
80-89	0.561	8.218	0.05	0.187				
90-99	0.701							
100-109	0.858							
sum for all dbh classes						20.743921	1.1949246	10.624064
Explanation: <div style="display: flex; justify-content: space-between;"> <div> <p>col3 : look up in volume table, for given species group and dbh class</p> <p>col4 : plot size for given dbh class</p> <p>col5 : (1 / col4) / (nr. of plots)</p> </div> <div> <p>col6 : count, and fill in</p> <p>col7 : col5 * col6</p> <p>col8 : col7 * col2</p> <p>col9 : col7 * col3</p> </div> </div> <p>(when rounding: round to the nearest EVEN digit; e.g. 0.635 to 0.64 but 0.665 to 0.66)</p>								

Annexure X: Quantitative forest resource assessment (Talley Sheet)

Name of CF	Druk Pegong	Date	27/06/2019
		Canopy height	<5, <10, <20, <30, 30+

Block	<i>I</i>				Canopy closure				<10, <40, 40+			
Plot number/ID	79				Altitude				3245			
Name of recorder	<i>Tshewang FR-I</i>				T = suitable for timber: N = Not suitable for timber							
		Dbh Class (cm)										
Species (local name)	Suitability	< 10 cm (seedlings)	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100+
Blue pine	T	/// /	///	//			/	//	/			
	N											
Spruce	T	////	///		/		/			/		
	N							/				
Hemlock	T	//	/		/	/						
	N							/		//		
Oak	T	//										
	N		//		/		/					
Acer	T											
	N		/									
	N											
	T											
	N											
Total	T	15	7	2	2	1	2	2	1	1		
	N		3		1		1	2		2		
	% N											

Annexure XI: Social-economic survey sheet

Name and age of the respondent: <i>Ugyen Tshering</i>		House No: <i>Nya-6-nil7</i>	Thram No: <i>123</i>
No of residents in the HH: <i>1</i>		Male : <i>3</i>	Female: <i>2</i>
No of civil servants from the HH: <i>2</i>		No. of Monks/Nuns from the HH: <i>nil</i>	
No of students from the HH: <i>1</i>		No. of members in armed force: <i>nil</i>	
No. of HH members (Others - specify)			
Total No. of HH members: <i>5</i>			
Wetland (ac): <i>0.70</i>	Dryland (ac): <i>0.30</i>	Orchards: <i>nil</i>	
Kitchen garden ac/dc: <i>nil</i>	Khimsa (ac): <i>0.09</i>	No. of HH members using cell phone: <i>5</i>	
House type (Tick)	Three storey	Two storey <input checked="" type="checkbox"/>	One storey
No. of cattle: <i>2</i>	No. of horse: <i>nil</i>	No. of pigs: <i>nil</i>	No. of poultry: <i>nil</i>
No. of goat: <i>nil</i>	No. of sheep: <i>nil</i>	No. of Yak: <i>nil</i>	
No. of farm machineries:	Tick and list the machineries (e.g. vehicles <input checked="" type="checkbox"/> , Power chainsaw <input checked="" type="checkbox"/> , Power tiller, Rice mill, Flour mill, Paddy transplanter, sawmills, others		
Specify availability of any livestock Farm (Poultry, Piggery, fisheries, etc.)	<i>nil</i>		
Specify availability of any Agricultural Farm (Mushroom, Vegetables, etc.)	<i>nil</i>		
Source of Income: <i>Agricultural products and off-farm (carpentry) works</i>	Average annual income: <i>Approximately two hundred thousands</i>		

Annexure XII: CFMG new membership form

To
The Chairperson

.....CF

I would like to join your CF starting from I hereby furnish my details as mentioned below:

Part A: Applicant information

Name of household representative:.....CID No.....

Village/Chowog.....Geog.....Gung.....ThramNo.....

Details of timber availed from SRF

Standing form	Quantity (Nos)	Year of allotment	Purpose for which timber was allotted	Remarks
Drashing				
Cham				
Tsim				
Log form (cft)				

Date of submission signature and name of Applicant

Affix legal stamp

The details given above are true to the best of my knowledge. From the date joining as new member in the CFMG I shall abide with the CFMG by-laws

Part B: Endorsement by CF Management Committee (The membership shall be accepted and register after paying the membership fee and compensation, if any)

Signature & date.....
Name.....

Signature & date
Name.....

Signature & date
Name.....

Official seal
Chairperson

Official seal
Secretary

Official seal
Treasurer

Copy to: Concerned Forestry OfficerDate of registrationSerial No.....

Annexure XIII: CFMG resignation application form

To
The Chairperson

.....CF

I would like to resign from the CFMG from I hereby furnished my details as mention below:

Part A: Applicant information

Name of household representative.....CID No.....

Village/Chewog.....Geog.....GungNo.....Thram No.....

Reasons for withdrawal from CF membership:.....

.....

Details of timber availed from CF during my membership in CFMG is as follows:

Standing form	Quantity (Nos)	Year allotment	Purpose for which timber was allotted	Remarks
Drashing				
Cham				
Tsim				
Log form (cft)				

Date of submission.....signature & Name of Applicant

Part B: To be filled up by CFMG members

Date of application received

The details of the application and his /her reasons of withdrawal from CFMG have been checked and found genuine and all the information provided is found to be correct.

We hereby recommend for resignation from CFMG membership of the applicant as per his/her request after clearing any dues with the CFMG.

Verified and Approved by CF Management Committee:

Signature & date.....

Name.....

Signature & date

Name.....

Signature & date

Name.....

Official seal
Chairperson

Official seal
Secretary

Official seal
Treasurer

Copy to: Concerned Forestry OfficerDate of resignationSerial No.....

Annexure XIV: Loan application form for CFMG members

Loan Application Form གྱིན་འགྲུལ་ཁྱེད་ཀྱི་ཡིག་ཐེངས་ཤོག

Date ལྷོ་ཆེས་.....

Nameམིང་.....

Villageགཡུས་.....

Gung Noགུང་ཨང་

ThramNoཐར་ཨང་

CID No

Mobile No

Amount Applied Nu.

(n words)

Purpose

Mortgage རྒྱུ་ཁྲིའུ་མེད་

a)གྲོ་	Total value of mortgage (s)
b)ཁོ་	གུང་ཨང་མེད་པའི་མཐོང་པོ་བསྟོན་
c)གྲོ་	

Third party Guaranty(if any):ཁས་ལེན་ལག་འགན་འབག་མི་ རྒྱུ་ཁྲིའུ་མེད་

Name, CID No. M. No. Thram No. Gung No མིང་/ངོ་སྟོན་ལག་ཐེངས་ཨང་/འགྲུལ་འཕྲིན་ཨང་/ཐར་ཨང་/གུང་ཨང་	Signature and Date མིང་རྟགས་དང་དུའི་ཆེས་

Signature and Date of Applicant with legal stamp:

ཁྱིམ་དོན་འགྲམས་རྟགས་བཅས་མིང་རྟགས་དང་དུའི་ཆེས་

--

Sanctioned by:གནང་བ་སྟོན་མི་

Treasurer

བཅུས་བླ་

Secretary

བླ་ཆེན་

Chairman

ཁྱིམ་འཛིན་

Annexure XV: Loan agreement for CFMG members

This loan agreement is executed between Mr/MrsCID No.....
from.....VillageGeog,.....Dzongkhag , who is a Community Forest
User Group member, hereafter referred to as the “Borrower “and.....community
Forest Management Group, located atGeog,Dzongkhag , who is duly
respected by Chairman and Treasurer, hereafter referred to as “Lender “and jointly referred to as
“Parties”.

NOW THEREFORE, the parties have agreed to the following terms and conditions:

That the Lender have promised to pay the Borrower a sum of Nu. In words
(Ngultrum)
only at an annual interest rate
of% for the period ofyears.

That the loan amount and interest amount payable are as calculated below :

Details of loan:

Loan Amount	:
Interest rate	:
Loan duration	:
Interest amount	:
Total amount payable	:
(Principal amount plus interest amount)	

Repayment of the loan:

The Borrower shall repay the loan amount along with the interest amount to Nu.
.....per year upon the completion of loan term.

Mortgage

As a security for the repayment of loan and the interest thereon, the “Lender” hereby conveys the
.....as mortgage in favour of the “Borrower”. The scheduled of
property is as described below:

Name	:
Plot No/Model No/Make	:
Estimated value on the day of mortgaging	:

Guarantor’s liability:

In the event, the borrower for any reason is not able to make payment on time, the liability to repay
the unpaid amount of loan along with the interest accrued thereof shall be the guarantor.

Penalty on default of payment:

The “Lender “shall be liable for penalty of% per year on the failure to repay the loan
amount along with the interest as per the terms and conditions specified in this agreement. In the
event of the “Lender” is not able to repay the loan amount, the burden shall be on the “Guarantor
“, if any or the “Borrower” shall realize the loan amount through the disposal of mortgaged
property upon following a due process of law.

Done on.....day of.....monthat

For Borrower:

For Lender:

.....
Signature

.....
Chairperson's signature

.....
Guarantor's signature

.....
Treasurer's signature

CID#
Contact#