

THADRA COMMUNITY FOREST MANAGEMENT PLAN (1ST REVISION)



TOTAL AREA:111.81 HECTARES

NO. OF H/H: 39

VILAGE: RIMTAKHA DORGOEN

GEWOG: CHAPCHA

DZONGKAG: CHUKHA

Plan period: 2023 to 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

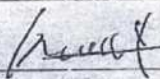

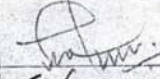


Approved By:


(Director)
Department of Forest and Park Services

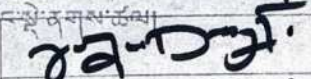

Approval Sheet

APPROVAL SHEET: THADRA COMMUNITY FOREST MANAGEMENT PLAN

Name of Community Forest	THADRA COMMUNITY FOREST
Village	RIMTAKHA AND DORGOEN
Chiwog	RIMTAKHA
Gewog	CHAPCHA
Dzongkhag	CHUKHA
Production area (Hectare/Acre)	111.81 Ha
Protection area (Hectare/Acre)	0
Total Community Forest Area (Hectare/Acre)	111.81 Ha
Total CFMG Member (No. of HH)	39

	Community Forest Management Group	Forestry Representative (CFMP facilitator)	Gewog Administration	Forest Resources Planning and Monitoring Section	Divisional/Park Office
Signature					
Name	Karma	Dago	Tolgay	Pema Gyeltshen	Rinzin Dorji
Title	Chairperson	Forest Ranger I	GUP GUP	CFMG focal	Chief Forestry Officer

REVIEWED and RECOMMENDED FOR APPROVAL

Signature		
Name	Tshelton Dorji	Sonam Tshelton
Title	Focal Officer	Chief Forestry Officer
DIVISION	Forest Resources Planning and Implementation Section	Forest Resources Planning and Management Division

APPROVED BY:


DIRECTOR

DEPARTMENT OF FORESTS AND PARK SERVICES

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ACRONYMS

AAC.....	Annual Allowable Cut
AD.....	Annual Demand
AHL.....	Annual Harvesting Limit
CF.....	Community Forest
CFMG.....	Community Forest Management Group
CFMP.....	Community Forest Management Plan
CFO.....	Chief Forestry Officer
DoFPS.....	Department of Forest and Park Services
FNCRR	Forest and Nature Conservation Rules and Regulations 2017
FO.....	Forest Officer
HH.....	Household
Nu.....	Ngultrum
RO.....	Range Officer
SFED.....	Social Forestry and Extension Division
SRF.....	State Reserved Forest

SUMMARY

The Thadra Community Forest was approved in 2012 with an area of 111.81 ha only to be managed by 50 households from the Rimtakha Dorgoen village under Chapcha Gewog. However, the CF will be managed by 39 households from hereafter as 6 households have willingly withdrawn and where 5 households were disqualified from being members as they have not obtained separate house number. The designated CF is within the radius of 15-20 minutes walking distance from the furthest household. The Thadra CFMG composes of homogenous ethnic group. The CF area is located above the old Thimphu-Phuntsholing National Highway. The revision was based on final monitoring and evaluation reports Annexure 6 and the application submitted by CFMG members for necessary renewal of CF management plan. As per the evaluation report, all the activities were implemented successfully based on their prescribed management plan for the period of 10 years.

The whole CF is divided into three blocks namely Lobneylakha, Galey Dempa and Shawgang with 20.45 ha, 44 ha and 47.36 ha respectively for easy management of the area. The primary objective are protection and sustainable management of forest, fulfilling the annual requirement of members for house construction and fuel wood. The CF members will be constructing one new house and one house will be renovated with another household eligible for other construction in a year. The annual timber demand is 30 numbers of Drashing and 70 cham for new construction, renovation and others construction respectively. The CFMG members requires a total of 88 number of trees for fuel wood annually.

The CF has an average Basal Area of 10.08 m²/ha. Annual Allowable Cut (AAC) calculation shows CF has a capacity to supply 125 numbers of forest produce ('T' and 'N' trees) annually from three blocks. However, the stock from the CF will be not able to meet the demand of CFMG, still then CFMG can use inferior/deformed timber size trees to meet the demand for firewood purposes or can avail from SRF during the plan period.

The revised plan included the protection of CF from illegal harvesting & improvement of forest conditions through plantation in barren areas and removal of diseased and un-preferred trees for fuel wood and other construction. Further to improve the quality of stand, thinning operations will be carried out in production areas.

1. SECTION A: MANAGEMENT PLAN

1.1. Introduction

The Department of Forest and Park Services has accorded an approval for 111.81 ha of SRF land to be managed as Community Forest by 50 households from Rintakha Dorgoen village in 2012. However, during the revision, 6 households resigned from the CF and 5 households disqualified since they have not registered separate house number, hereafter only 39 households will manage the CF. The whole CF area is divided to three blocks namely Geley Dempa, Shawgang and Lobneylakha with 44, 47.36 and 20.45 ha respectively. The Geley Dempa and Shawgang block are located above the Rintakha Dorgoen Village and Lobneylakha block located between old and new Thimphu-Phunstholing National Highway. The CF is located less than an hour walking distance from the National Highway.

The villagers had been practicing subsistence farming and is mostly dependent on agriculture, livestock and forestry activities. Their main cash crop is Potatoes and Chilli. The communities mainly depend on farming system with Agriculture, Livestock and Forestry playing a vital role in sustaining their daily livelihood. Nevertheless, the community's livelihoods are mainly supported by agricultural farming. The basic facility such as farm road and electricity services are available in the chiwog. With the coming of development activities like easy accessibility, the community witnessed the pressure on the forest which contributed in realizing the need to review their community forest and claiming the ownership of CF products.

The CFMGs has generated an income of Nu 241148.8/- (Two hundred forty one thousand one hundred forty eight and eight cheltrum) only through annual fees, royalty, fines and penalties and interest from loan. This has greatly benefited the members in supporting their school going children and addressing financial problems by fund loaning system.

Based on the progress and achievement made by CFMG, the revision exercise was carried out by the Division and Range staff in 2023. The CF has a total area of 111.81 ha with an average basal area of 10.08 m²/ha. The Thadra CF composes of conifer forest. The species found are blue pine (*Pinus walichiana spp*), Oak, Spruce, Hemlock and Populus. *Alnus nepalensis* dominates the regenerations. The forest is also habitat for Bear, Deer, Monkey, Wild pig and birds etc.

The CFMG have agreed to be guided by the following objectives for sustainable harvesting of forest products from CF areas:

1. *Protection from outsiders*
2. *Conservation and Protection of Wild Life habitat*
3. *Sustainable utilization of forest resources*
4. *Income generation through sale of excess timber in future*

1.2. Community Forest Boundaries

The CF boundaries are clearly demarcated and marked on the permanent features to ascertain the CF boundary for monitoring of encroachment into CF and out of CF. The detail boundary is explained in the table I below:

Table 1 : Community Forest Boundaries

Boundaries	Permanent features
East	Lombji village boundary
West	Chabcha Middle Secondary School take of point
South	New road
North	Galey Dempa

Table 2: Social Information

Specification	Description
Name of the villages	Rimtakha and Dorgoen
Ethnic groups with CFMG	Homogeneous
Basic amenities	School, National highways, access road, rural water supply, electricity, mobile network, Dantak office and camp, BHU, Geog Centre and RNR offices
Total household (HH) number of CFMG	44
% Male and % Female	46.95% M, 53.05% F
Main source of income	Potatoes and Chilli
Main crops	Potatoes and Chilli
Cropping pattern	Mono culture
Any other information	

1.3. Location map of CF

The CF location in relation to its beneficiary settlements are given in the google map. The map shows the detail location of CF area.

Figure 1: CF Location Map



1.4. Land use map of CF

The land use map showing the total CF area of 111.81ha with majority area covered with Blue pine forest.

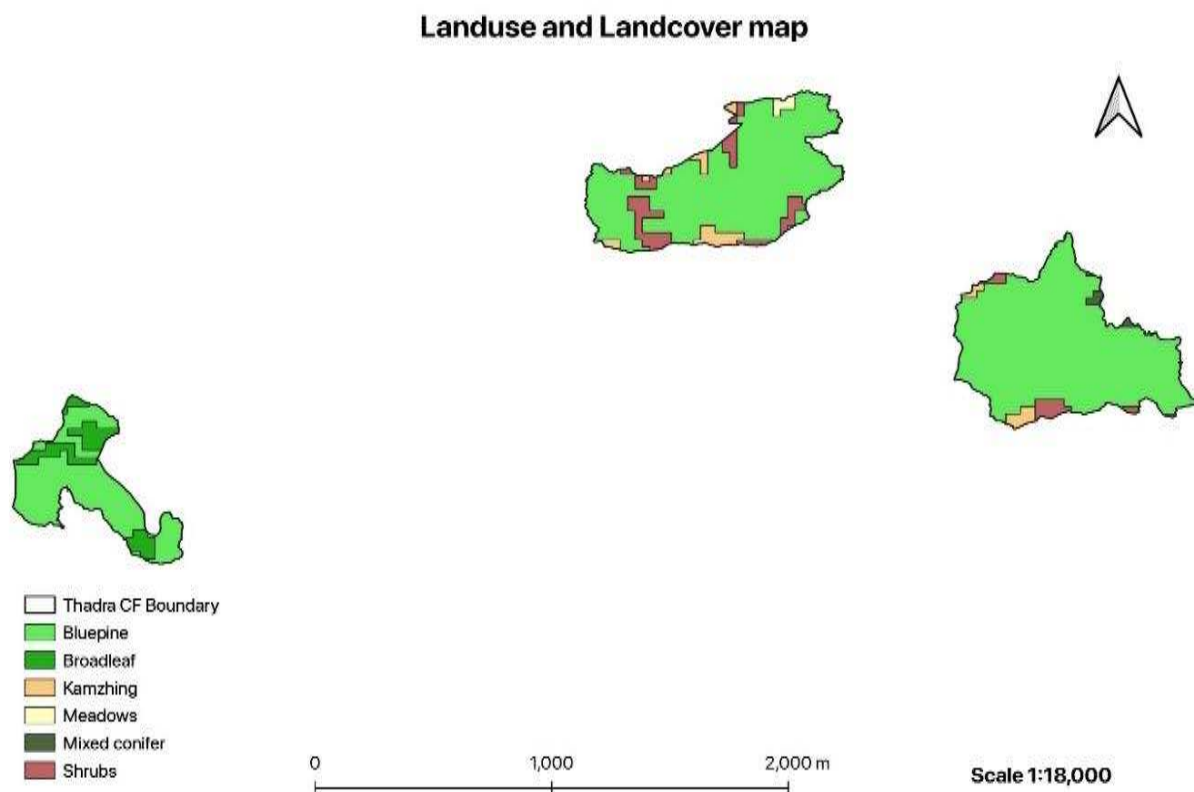


Figure 2: Land use map of CF

1.5. Forest information over whole block

Thadra CF has an area of 111.81 ha and it is divided into three blocks viz. Block I with 20.45 ha Block II with 44 ha and Block III with 47.36ha respectively. The main vegetation type of the block is conifer forest comprising main tree species such as *Pinus walichiana* spp., *Spruce* spp. *symplocus* spp. *Betula alnoids* etc

The prominent wild animals present in CF areas are, wild pig, Deer, monkey and birds.

1.5.1. Block I: Geley Dempa

Table 3: Forest Resource Assessment (Block I)	
Name of Community Forest	Thadra Community Forest
Date of Assessment	18/1/2023
Name of block	Geley Dempa
Block area	44 ha
Basal Area	3.38 m ² /ha
Name of recorder	Dagay, Sr.Forest Ranger II

a. Forest & Habitat Type					
Forest	<input checked="" type="checkbox"/>	Thicket/pole stage	<input type="checkbox"/>	Shrubland	<input type="checkbox"/>
Grassland	<input type="checkbox"/>	Plantation	<input type="checkbox"/>	Other	<input type="checkbox"/>
Vegetation type					
Subtropical forest	<input type="checkbox"/>	Chir pine forest	<input type="checkbox"/>	Warm broadleaved forest	<input type="checkbox"/>
Cool broadleaved forest	<input type="checkbox"/>	Mixed conifer forest	<input type="checkbox"/>	Fir forest	<input type="checkbox"/>
				Blue pine forest	<input checked="" type="checkbox"/>
				Other	<input type="checkbox"/>

Definitions	
Broadleaf forest	75% or more of the tree species present are hardwoods
Conifer forest	75% or more of the tree species present are coniferous
Mixed forest	All other combinations of tree species
Mature Forest	Vegetation dominated by mature trees (trees > 40 cm dbh)
Thicket/pole stage	Vegetation > 3m in height consisting of young trees usually < 40cm dbh
Shrubs	Non-tree species > 2m in height (often thorny and multi-stemmed)
Shrub-land	Vegetation dominated by woody multi-stemmed plants or single stemmed plants and regeneration mostly < 3 m tall
Grassland	Vegetation dominated by grass species and where only a small part of the area is covered by trees or shrubs.
Crown cover	The percentage of the area covered by the crowns of trees forming the main canopy (usually mature trees)
Regeneration	Seedlings, saplings and coppice re growth of naturally occurring tree species that are less than 1.3 metres tall but greater than 30cm tall
Seed trees	Mature trees with healthy crowns capable of producing flowers and seed
Soil Cover	The percentage of the area with soil surface covered either by live vegetation or a layer of other plant vegetation

b. Forest Condition	
Write the names of the 3 main tree species	
Local name	Scientific name
(Dz):Tongphu shing	<i>Pinus walichiana</i>
(Dz): Jishing	<i>Quercus spp</i>
(Dz),Chalam	<i>Acer spp.</i>
(i) Plantation	

Is there any Yes plantation? No <input checked="" type="checkbox"/>	Approximate 2 meters height of planted trees (m)
Year planted No	Is the plantation? Under stocked <input type="checkbox"/> Stocked <input checked="" type="checkbox"/> Overstocked <input type="checkbox"/>
(ii) Forest Condition –Age	
Mature <input checked="" type="checkbox"/> Main canopy of mature trees	Pole stage 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
(iii) Forest Condition - Canopy density	
Dense <input checked="" type="checkbox"/> Canopy density > 70%	Open <input type="checkbox"/> Canopy density < 70%
Very open <input type="checkbox"/> No real canopy. Isolated trees only	

(iv) Forest Condition – Regeneration		
Abundant <input type="checkbox"/> Regeneration easy to find in most places	Scattered/few <input checked="" type="checkbox"/> Regeneration only in some places and hard to find	None <input type="checkbox"/> No regeneration
Write the names of the 3 main tree species in the regeneration		
1) Blue pine	2) Quercus spp.	3) Symplocus app
Regeneration: Seedlings > 30cm and < 1.3m height		

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

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

Forest Condition				
Age	Canopy density	Regeneration & coppice	Seed tree class	Condition
	Dense	Abundant		Very good

Mature forest		Scattered/few	Low	Good
	Open	Abundant		Good
		Scattered/few	Moderate	Average
Pole stage forest	Dense	Abundant		Good
		Scattered/few	Low	Average
	Open	Abundant		Average
		Scattered/few	High	Poor
Shrub and young growth	Dense	Low	Moderate or High	Average
	Dense	Low	Low	Average
	Open	Moderate	Low	Poor
Any	Very open	None	Low	Poor

d. Open spaces	
Approximate total open space area (ha)	0.2
Dominant vegetation type in the open space	<i>Blue spp</i>
Cause of open space e.g. grazing, fire, harvesting, etc.	Fire, timber and firewood harvesting

e. Grazing and fodder							
Grassland type							
Natural	<input type="checkbox"/>	Man-made	<input type="checkbox"/>	Mixture	<input type="checkbox"/>	Predominantly forest	<input checked="" type="checkbox"/>
Main fodder species being used							
Local name				Scientific name			
Challam (Dz.), Acer (Eng)				Acer spp.			
Langmashing(Dz.)				Salix spp			

Pasture quality		
Local name	Scientific name	Palatable/unpalatable
Langmashing	<i>Salix spp</i>	Palatable
Challam	<i>Acer</i>	Palatable
		Unpalatable

Use pattern <input type="checkbox"/>	Seasonal <input checked="" type="checkbox"/>	All year <input type="checkbox"/>
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Type of user	Migratory <input type="checkbox"/>	Local <input checked="" type="checkbox"/>	Both <input type="checkbox"/>
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f. Catchment Condition

(i) Catchment condition – soil cover			
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"/>
(ii) Catchment Condition - Soil type and erosivity			
Soil type (colour, texture and type)			
Erosive <input type="checkbox"/>	Non-erosive <input checked="" type="checkbox"/>		
disperses and/or breaks up in water easily		stable to water flow	
(iii) Catchment Condition – Slope			
Slope (degrees)	Slope steepness class <input type="checkbox"/>		
<10°	Gentle	<input type="checkbox"/>	
10° – 30°	Moderate	<input checked="" type="checkbox"/>	
> 30°	Steep	<input type="checkbox"/>	
Catchment Condition Summary			
Less critical <input checked="" type="checkbox"/>	Moderately critical <input type="checkbox"/>	Highly critical <input type="checkbox"/>	

Catchment Condition Class Box			
Slope category	Soil erosivity	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
g. Fauna			
Local name		Scientific name	
Phap (Dz), wild pig (Eng.)		<i>Sus scrofa</i>	
Dhom (Dz), Himalayan black bear (Eng.)		<i>Ursus thibetanus laniger</i>	
Bja (Dz) Goral (Eng.)		<i>Naemorhedus goral</i>	
Ka sha (Dz) Barking deer (eng)		<i>Muntjack</i>	
Shaw(Dz) Sambar (eng)		<i>Axis axis</i>	

h. Biotic Pressures (underline those present and level of severity)			
Fire	Common	occasional	Absent
Grazing	Heavy	Limited	Absent
Shrub layer	Dense	moderate	Absent
Fodder collection	Common	Limited	Absent
NWFP collection	Common	Limited	Absent
Leaf litter collection	Common	Limited	Absent
Encroachment	Common	occasional	Absent
Pole harvesting	Common	Occasional	Absent
Fuel-wood harvesting	Common	Occasional	Absent
Timber harvesting	Common	Occasional	Absent
Hunting	Common	Occasional	Absent
Others (describe)			

i. Management options	
1	Thinning and removal of unwanted spp to promote the growth of young stand
2	Reduce continuous harvesting of timber and firewood to regain its stock capacity by following AHL and AAC strictly
3	Need to remove lops and tops after extraction of timber for better sanitation.
4	Regular patrolling and monitoring are required against illegal harvesting of timber and NWFPs
5	Need to monitor Forest fire and need to construct fireline to prevent forest fire

1.5.2. Block II: Lobneylakha

Table 4: Forest Resource Assessment (Block II)	
Name of Community Forest	Thadra Community Forest
Date of Assessment	18/1/2023
Name of block	Lobneylakha
Block area	20.45ha
Basal Area	13.11 m ² /ha
Name of recorder	Sangay Dorji, Sr.Forester

a. Forest & Habitat Type					
Forest	<input checked="" type="checkbox"/>	Thicket/pole stage	<input type="checkbox"/>	Shrub land	<input type="checkbox"/>
Grassland	<input type="checkbox"/>	Plantation	<input type="checkbox"/>	Other	<input type="checkbox"/>
Vegetation type					
Subtropical forest	<input type="checkbox"/>	Chir pine forest	<input type="checkbox"/>	Warm broadleaved forest	<input type="checkbox"/>
				Blue pine forest	<input type="checkbox"/>
					√

Cool broadleaved forest <input type="checkbox"/>	Mixed conifer forest <input type="checkbox"/>	Fir forest <input type="checkbox"/>	Other <input type="checkbox"/>
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Definitions	
Broadleaf forest	75% or more of the tree species present are hardwoods
Conifer forest	75% or more of the tree species present are coniferous
Mixed forest	All other combinations of tree species
Mature Forest	Vegetation dominated by mature trees (trees > 40 cm dbh)
Thicket/pole stage	Vegetation > 3m in height consisting of young trees usually < 40cm dbh
Shrubs	Non-tree species > 2m in height (often thorny and multi-stemmed)
Shrub-land	Vegetation dominated by woody multi-stemmed plants or single stemmed plants and regeneration mostly < 3 m tall
Grassland	Vegetation dominated by grass species and where only a small part of the area is covered by trees or shrubs.
Crown cover	The percentage of the area covered by the crowns of trees forming the main canopy (usually mature trees)
Regeneration	Seedlings, saplings and coppice re growth of naturally occurring tree species that are less than 1.3 metres tall but greater than 30cm tall
Seed trees	Mature trees with healthy crowns capable of producing flowers and seed
Soil Cover	The percentage of the area with soil surface covered either by live vegetation or a layer of other plant vegetation

b. Forest Condition			
Write the names of the 3 main tree species			
Local name	Scientific name		
(Dz):Tongphu	<i>Pinus walichiana</i>		
(Dz): Gamashing	<i>Alnus spp</i>		
(Dz),Sey shing	<i>Picea spinulosa spp.</i>		
(i) Plantation			
Is there any Yes plantation? No <input checked="" type="checkbox"/>	Approximate 2 meters height of planted trees (m)		
Year planted	Is the plantation?	Under stocked	<input type="checkbox"/>
		Stocked	<input type="checkbox"/>
		Overstocked	<input type="checkbox"/>
(ii) Forest Condition –Age			
Mature <input checked="" type="checkbox"/>	Pole stage	Shrubland	<input type="checkbox"/>
		Any	<input type="checkbox"/>

Main canopy of mature trees	Main canopy of pole-stage trees	Main canopy of shrubs, young trees or regeneration	No continuous canopy. Isolated trees only
(iii) Forest Condition - Canopy density			
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	

(iv) Forest Condition – Regeneration		
Abundant <input type="checkbox"/> Regeneration easy to find in most places	Scattered/few <input checked="" type="checkbox"/> Regeneration only in some places and hard to find	None <input type="checkbox"/> No regeneration
Write the names of the 3 main tree species in the regeneration		
1) <i>Pinus Wallichiana</i>	2) <i>Betula alnoids</i> spp.	3) <i>Populus ciliata</i> app
Regeneration: Seedlings > 30cm and < 1.3m height		

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

Block Condition Summary			
Use the forest condition class box below to get an 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 type="checkbox"/>	No <input checked="" type="checkbox"/>

Forest Condition				
Age	Canopy density	Regeneration & coppice	Seed tree class	Condition
Mature forest	Dense	Abundant		Very good
		Scattered/few	Low	Good
	Open	Abundant		Good
		Scattered/few	Moderate	Average
Pole stage forest	Dense	Abundant		Good
		Scattered/few	Low	Average
	Open	Abundant		Average
		Scattered/few	High	Poor
	Dense	Low	Moderate or High	Average

Shrubland and young growth	Dense	Low	Low	Average
	Open	Moderate	Low	Poor
Any	Very open	None	Low	Poor

d. Open spaces	
Approximate total open space area (ha)	8 ha
Dominant vegetation type in the open space	<i>Pinus wallichiana spp</i>
Cause of open space e.g. firewood and timber harvesting, etc.	Timber and firewood harvesting

e. Grazing and fodder			
Grassland type			
Natural <input type="checkbox"/>	Man-made <input type="checkbox"/>	Mixture <input type="checkbox"/>	Predominantly forest <input checked="" type="checkbox"/>
Main fodder species being used			
Local name		Scientific name	
Challam (Dz.), Acer (Eng)		<i>Acer spp.</i>	
Langma (Dz.)		<i>Salix spp</i>	

Pasture quality		
Local name	Scientific name	Palatable/unpalatable
Langma Shing	<i>Salix spp</i>	Palatable
		Palatable
		Unpalatable

Use pattern <input type="checkbox"/>	Seasonal <input checked="" type="checkbox"/>	All year <input type="checkbox"/>
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Type of user	Migratory <input type="checkbox"/>	Local <input checked="" type="checkbox"/>	Both <input type="checkbox"/>
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f. Catchment Condition		
(i) Catchment condition – soil cover		
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"/>
(ii) Catchment Condition - Soil type and erosivity		
Soil type (colour, texture and type)		
Erosive <input type="checkbox"/>	Non-erosive <input checked="" type="checkbox"/>	

disperses and/or breaks up in water easily	stable to water flow
(iii) Catchment Condition – Slope	
Slope (degrees)	Slope steepness class <input type="checkbox"/>
<10°	Gentle <input type="checkbox"/>
10° – 30°	Moderate <input checked="" type="checkbox"/>
> 30°	Steep <input type="checkbox"/>
Catchment Condition Summary	
Less critical <input checked="" type="checkbox"/>	Moderately critical <input type="checkbox"/> Highly critical <input type="checkbox"/>

Catchment Condition Class Box			
Slope category	Soil erositivity	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

g. Fauna	
Local name	Scientific name
Phap (Dz), wild pig (Eng.)	<i>Sus scrofa</i>
Dhom (Dz), Himalayan black bear (Eng.)	<i>Ursus thibetanus laniger</i>
Bja (Dz) Goral (Eng.)	<i>Naemorhedus goral</i>
Ka sha (Dz) Barking deer (eng)	<i>Muntjack</i>
Shaw(Dz) Sambar (eng)	<i>Axis axis</i>

h. Biotic Pressures (underline those present and level of severity)			
Fire	Common	Occasional	Absent
Grazing	Heavy	Limited	Absent
Shrub layer	Dense	moderate	Absent
Fodder collection	Common	Limited	Absent
NWFP collection	Common	Limited	Absent
Leaf litter collection	Common	Limited	Absent
Encroachment	Common	occasional	Absent

h. Biotic Pressures (underline those present and level of severity)			
Pole harvesting	Common	occasional	Absent
Fuel-wood harvesting	Common	occasional	Absent
Timber harvesting	Common	occasional	Absent
Hunting	Common	occasional	Absent
Others (describe)			

i. Management options	
1	Need to remove lops and tops after extraction of timber for better sanitation.
2	Thinning and removal of unwanted spp to promote the growth of young stand
3	Reduce continuous harvesting of timber and firewood to regain its stock capacity by following AHL and AAC strictly
4	Since this block located between old and new Thimphu to Phuntsholing high way regular patrolling and monitoring are required against illegal harvesting of timber and NWFPS

1.5.3. Block III: Shawgang

Table 5: Forest Resource Assessment (Block I)	
Name of Community Forest	Thadra Community Forest
Date of Assessment	18/1/2023
Name of block	Shawgang
Block area	47.36ha
Basal Area	13.29 m ² /ha
Name of recorder	Passang, Forest Ranger, Tsimasham Range

a. Forest & Habitat Type					
Forest	<input checked="" type="checkbox"/>	Thicket/pole stage	<input type="checkbox"/>	Shrub land	<input type="checkbox"/>
Grassland	<input type="checkbox"/>	Plantation	<input type="checkbox"/>	Other	<input type="checkbox"/>
Vegetation type					
Subtropical forest	<input type="checkbox"/>	Chir pine forest	<input type="checkbox"/>	Warm broadleaved forest	<input type="checkbox"/>
				Blue pine forest	<input checked="" type="checkbox"/>
Cool broadleaved forest	<input type="checkbox"/>	Mixed conifer forest	<input type="checkbox"/>	Fir forest	<input type="checkbox"/>
				Other	<input type="checkbox"/>

Definitions	
Broadleaf forest	75% or more of the tree species present are hardwoods
Conifer forest	75% or more of the tree species present are coniferous

Mixed forest	All other combinations of tree species
Mature Forest	Vegetation dominated by mature trees (trees > 40 cm dbh)
Thicket/pole stage	Vegetation > 3m in height consisting of young trees usually < 40cm dbh
Shrubs	Non-tree species > 2m in height (often thorny and multi-stemmed)
Shrub-land	Vegetation dominated by woody multi-stemmed plants or single stemmed plants and regeneration mostly < 3 m tall
Grassland	Vegetation dominated by grass species and where only a small part of the area is covered by trees or shrubs.
Crown cover	The percentage of the area covered by the crowns of trees forming the main canopy (usually mature trees)
Regeneration	Seedlings, saplings and coppice re growth of naturally occurring tree species that are less than 1.3 metres tall but greater than 30 cm tall
Seed trees	Mature trees with healthy crowns capable of producing flowers and seed
Soil Cover	The percentage of the area with soil surface covered either by live vegetation or a layer of other plant vegetation

b. Forest Condition			
Write the names of the 3 main tree species			
Local name		Scientific name	
(Dz):Tongphu		<i>Pinus walichiana</i>	
(Dz): Populus		<i>Populus ciliate</i>	
(Dz),Sey shing		<i>Picea spinulosa spp.</i>	
(i) Plantation			
Is there any Yes No ✓		Approximate 2 meters height of planted trees (m)	
Year planted		Is the plantation? Under stocked <input type="checkbox"/> Stocked <input type="checkbox"/> Overstocked <input type="checkbox"/>	
(ii) Forest Condition –Age			
Mature Main canopy of mature trees	Pole stage ✓ 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
(iii) Forest Condition - Canopy density			
Dense <input type="checkbox"/> Canopy density > 70%	Open ✓ Canopy density < 70%	Very open <input type="checkbox"/> No real canopy. Isolated trees only	

(iv) 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) <i>Pinus Wallichiana</i>	2) <i>Picea spinulosa</i> spp.	3) <i>Populus ciliata</i> app
Regeneration: Seedlings > 30cm and < 1.3m height		

(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 Summary			
Use the forest condition class box below to get an 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 type="checkbox"/>	No <input checked="" type="checkbox"/>

Forest Condition				
Age	Canopy density	Regeneration & coppice	Seed tree class	Condition
Mature forest	Dense	Abundant		Very good
		Scattered/few	Low	Good
	Open	Abundant		Good
		Scattered/few	Moderate	Average
Pole stage forest	Dense	Abundant		Good
		Scattered/few	Low	Average
	Open	Abundant		Average
		Scattered/few	High	Poor
Shrubland and young growth	Dense	Low	Moderate or High	Average
	Dense	Low	Low	Average
	Open	Moderate	Low	Poor
Any	Very open	None	Low	Poor

d. Open spaces	
Approximate total open space area (ha)	10 ha
Dominant vegetation type in the open space	<i>Pinus wallichiana</i> spp

Cause of open space e.g. firewood and timber harvesting, etc.	Timber and firewood harvesting
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e. Grazing and fodder			
Grassland type			
Natural <input type="checkbox"/>	Man-made <input type="checkbox"/>	Mixture <input type="checkbox"/>	Predominantly forest <input checked="" type="checkbox"/>
Main fodder species being used			
Local name		Scientific name	
Challam (Dz.), Acer (Eng)		<i>Acer spp.</i>	
Langma (Dz.)		<i>Salix spp</i>	

Pasture quality		
Local name	Scientific name	Palatable/unpalatable
Langma Shing	<i>Salix spp</i>	Palatable
		Palatable
		Unpalatable

Use pattern <input type="checkbox"/>	Seasonal <input checked="" type="checkbox"/>	All year <input type="checkbox"/>
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Type of user	Migratory <input type="checkbox"/>	Local <input checked="" type="checkbox"/>	Both <input type="checkbox"/>
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f. Catchment Condition	
(i) Catchment condition – soil cover	
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"/>
(ii) Catchment Condition - Soil type and erosivity	
Soil type (colour, texture and type)	
Erosive <input type="checkbox"/>	Non-erosive <input checked="" type="checkbox"/>
disperses and/or breaks up in water easily	stable to water flow
(iii) Catchment Condition – Slope	
Slope (degrees)	Slope steepness class <input type="checkbox"/>
<10°	Gentle <input type="checkbox"/>
10° – 30°	Moderate <input checked="" type="checkbox"/>
> 30°	Steep <input type="checkbox"/>
Catchment Condition Summary	

Less critical <input type="checkbox"/>	Moderately critical <input checked="" type="checkbox"/>	Highly critical <input type="checkbox"/>
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Catchment Condition Class Box			
Slope category	Soil erositivity	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

g. Fauna	
Local name	Scientific name
Phap (Dz), wild pig (Eng.)	<i>Sus scrofa</i>
Dhom (Dz), Himalayan black bear (Eng.)	<i>Ursus thibetanus laniger</i>
Bja (Dz) Goral (Eng.)	<i>Naemorhedus goral</i>
Ka sha (Dz) Barking deer (eng)	<i>Muntjack</i>
Shaw(Dz) Sambar (eng)	<i>Axis axis</i>

h. Biotic Pressures (underline those present and level of severity)			
Fire	Common	occasional	Absent
Grazing	Heavy	limited	Absent
Shrub layer	Dense	moderate	Absent
Fodder collection	Common	limited	Absent
NWFP collection	Common	limited	Absent
Leaf litter collection	Common	limited	Absent
Encroachment	Common	occasional	Absent
Pole harvesting	Common	occasional	Absent
Fuel-wood harvesting	Common	occasional	Absent
Timber harvesting	Common	occasional	Absent

h. Biotic Pressures (<u>underline those present and level of severity</u>)			
Hunting	Common	occasional	Absent
Others (describe)			
i. Management options			
1	Need to remove lops and tops after extraction of timber for better sanitation.		
2	Thinning and removal of unwanted spp to promote the growth of young stand		
3	Reduce continuous harvesting of timber and firewood to regain its stock capacity by following AHL and AAC strictly		
4	Since this block is located nearby farm road a regular patrolling and monitoring are required against illegal harvesting of timber and NWFPS		

1.6. PARTICIPATORY ENVIRONMENT ASSESSMENT.

Environmental Assessment								
	Potential Environmental Effects				Potential Socio-Economic Effects			
Activity proposed in CFMP	Soil	Water	Wild animals	plants	Traditional forest use	Cultural and religious	Local employment	Local benefits from forest produce
Plantation establishment	++++	+++++	++++	- - -	-	o	+++	++
Timber harvesting	- . - . -	- . - . -	- . - . -	O	- . - .	0 -	++	++
Grazing Control	o	++++	++++	+++	- . - . -	- .	O	- . - . -
NWFP collection	o	- .	- . - .	O	++	o	+	+
Forest protection	+++++	++++	++++	++++	o	o	+++	+
Soil and water conservation activities	+++++	++++	+++++	++++	o	o	+	+

1.6.1. Procedure to address potential negative effects

Activity	Procedures
Firewood harvesting	-Strictly non timber species, dead, dying and diseased trees will be allotted. Harvesting of firewood >45° slope gradient should be restricted -No felling in and around the water source
Timber harvesting	-Quantities will be allotted on sustainable basis, strictly following prescribed limits in management plan. -Marking should be done on selection basis. -Avoid harvesting of timber along stream, farm road and transmission line buffers
NWFP collection	Illegal harvesting of NWFP should be restricted to the outsiders
Flag post/fencing post harvesting	-Allotment strictly based on need basis and as per bylaws -Will be met from thinning/cleaning materials as far as possible -Encourage reuse of old posts especially flag posts. -If budget available from outsource or from the CF budget GI/iron post will replace flag post if found flag post shortages.
Forest protection	-Protection of CF from illegal harvesting, wildlife poaching, stone or boulders transit and NWFPs collection by outsiders.

1.7. CLIMATE HAZARD ASSESSMENT

Climate Hazard Matrix						
	Landslide	Flood	Drought	Animal diseases	Reduced crop yields	Human wildlife conflict
Landslide	X	Landslide	landslide	Landslide	landslide	Human wildlife conflict
Flood		X	Drought	Animal diseases	Animal diseases	Human wildlife conflict
Drought			X	Drought	Animal diseases	Human wildlife conflict
Animal diseases				X	Reduced crop yields	Human wildlife conflict
Reduced crop yields					X	Human wildlife conflict
Human wildlife conflict						X

Result: 1st= Human wildlife conflict (5), 2nd=landslide (4), 3rd=Animal diseases (3), 4th=Reduced crop yields (1), 5th=Drought (1), 6th=flood (0).

1.7.1. Climate Vulnerability Assessment

Social group/Sector	Landslide	Flood	Reduced crop yields	Animal disease	Human wildlife Conflict
Rich	1. Plant trees 2. Bio engineering works	NA	1. Buy quality fertilizers 2. Use locally composed manure	1. Afford to get treatment instantly	1. Seek financial support from local government and technical support from Forestry and agriculture department
Medium	1. Plant trees	NA	1. Use Locally composed manure	1. Afford to get treatment instantly	1. Seek financial support from local government and technical support from Forestry and agriculture department
Poor	1. Plant trees	NA	1. Use Locally composed manure	1. Get treatment from nearest livestock centre	1. Seek financial support from local government and technical support from Forestry and

					agriculture department
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1.8. Forest Produces Demand Assessment

Produce	Annual requirement (estimated)		Number of HH that require produce annually ©	Total requirement of the produce (Annually)		Total requirement of the produce in 10 years	
	Number (A)	Volume (in cfts) (B)		Number (A*C) =D	Volume (in cfts) (B*C) =E	Number (D*10)	Volume (in cfts) (E*10)
For new construction							
Drashing	8		2	16		160	
Cham	30		2	60		320	
For renovation							
Drashing	5		2	10		100	
cham	5		2	10		100	
For other construction (cowshed, toilet, etc., kitchen, store-house, Mushroom house)							
Drashing	2		2	4		40	
For other produce							
Firewood	2		44	88		880	
Fencing posts	1		5	5		50	
Flag posts	108		10	324		3240	

Annual Allowable Cut

AAC for Galey Dempa Block							
Products	Dangchung	Tsim	Cham	Drashing	Pole/Post	Firewood	Total
Volume (m ³)	0.43	1.84	3.72	5.95	1.48	1.63	15.05
Volume (cft)	15.07	64.83	131.52	210.14	52.41	57.63	531.61
Nos.	5	5	5	2	10	3	30.00

AAC for Lobneylakha Block							
Products	Dangchung	Tsim	Cham	Drashing	Pole/Post	Firewood	Total
Volume (m ³)	1.53	6.08	9.25	0.25	3.35	5.83	26.29
Volume (cft)	53.89	214.66	326.87	8.93	118.30	205.97	928.62
Nos.	16	17	11	0	21	4	69

AAC for Shawgang Block							
Products	Dangchung	Tsim	Cham	Drashing	Pole/Post	Firewood	Total
Volume (m ³)	3.88	10.47	20.93	16.16	1.08	2.34	54.86
Volume (cft)	137.00	369.90	739.21	570.65	38.11	82.77	1937.64
Nos.	38	29	24	16	8	2	118

Total AAC of Thadra CF							
Products	Dangchung	Tsim	Cham	Drashing	Pole/Post	Firewood	Total
Volume (m ³)	5.83	18.39	33.91	22.36	5.91	9.81	96.20
Volume (cft)	205.96	649.40	1197.60	789.73	208.82	346.37	3397.86
Nos.	59	51	40	18	39	9	217

Note: Pole/post=D/Chung and Tsim size of N-Trees

Firewood=Drashing & Cham size of N-Trees

****25% of total production area is reduced considering some protection or unproductive area and errors in data calculation. Therefore, net production area used for calculation of AAC is 75% of 111.81 ha i.e 83.86 ha. ****

AAC VS DEMAND ASSESSMENT

Produce	Total AAC		Total Annual Demand		Difference		Comments
	Number of trees	Volume (in cfts)	Number of trees	Volume (in cfts)	Number of trees	Volume (in cfts)	
Drashing	18	789.73	30		-12		
Cham	40	1197.6	70		-30		
Firewood	9	346.37	88		-79		Lops/Tops/Dead/Dying/diseased
Fencing posts	39	208.82	900		-861		Tsim can be used
Flag poles	59	205.96	1080		-1021		Tsim can be used

1.10. Overall, Forest management objectives

- 1. Protect the drinking water sources which fall within CF area*
- 2. Protect the available forest resources within the designated CF area from outsiders and forest fire.*
- 3. Conservation and Protection of Wild Life habitat*
- 4. Plantation for commercial harvesting*
- 5. Sustainable utilization of forest resources*
- 6. Income generation through sale of excess timber in future.*

1.11. Forest Management Procedures**1.11.1. Block I: Lobneylakha block**

Products	Timber	Fuel wood	Fencing post & Flag poles	NWFP
Main Species	<i>Pinus wallichaina</i> , <i>Betula spp</i> , <i>Tsuga dumosa</i>	<i>Quercus spp</i> and <i>Populus spp</i> .	<i>Alnus spp.</i> and <i>Pinus wallichaina</i>	Mushroom, leaf litter, top soil
Problems	Limited stock	Limited stock	Limited stock	
Opportunities	Encourage growth of young trees and more regeneration	Use dead, dying lops and tops and diseased trees	Limited stock of trees to be used as fencing post	Home consumption only
Management objective	1.Improve timber quality through application of silviculture system. 2. Facilitate growth of seedlings for future harvesting	Ensure sustainable harvesting of fuel wood	Ensure sustainable harvesting of production of timber	Sustainable management
Activities	1. Initiate Plantation of timber species in open ground 2. Clearing unwanted shrubs	1. Plantation of fuel wood species in open ground 2. Clearing unwanted shrubs	Allocate poles on thinning basis	Conduct monitoring time to time
Procedures	1. Create plantation and monitor the utilization of timber strictly. 2. Follow AAC	1. Lops and tops will be used as firewood 2. Only dead dying, crooked, forked and diseased trees will be marked. 3. Thinning wherever necessary and supply	Allot from SRF until abundant saplings attain pole size	
Responsibilities	All the members and concerned forest office	All CFMG members and forestry staff	All CFMG members and forestry staff	

1.11.2. Block II: Geley Dempa block

Products	Timber	Fuel wood	Fencing post & Flag poles	NWFP
Main Species	<i>Pinus wallichaina</i> , <i>Betula spp</i> , <i>Tsuga dumosa</i>	<i>Populus spp.</i> and <i>Quercus spp</i>	<i>Rhus</i> , <i>Acer</i> , <i>Pinus wallichaina</i>	Boulders, Mushroom, leaf litter, top soil
Problems	Limited stock and illegal felling	Limited stock and illegal felling	Limited stock	Limited mushroom and not best quality boulders
Opportunities	Avail permit from SRF land to compensate the shortages of timber.	Use dead dying lops and tops and diseased trees	Avail permit from SRF land to compensate the shortages of fencing post and flag poles	
Management objective	1. Sustainable harvesting 2. Improve Forest condition	Sustainable management and harvest	Ensure sustainable harvesting of production of timber	Sustainable management and protection on of existing resources
Activities	1. Marking of mature trees only 2. Clearing unwanted shrubs	1. Remove death/dying and malformed trees 2. Clearing unwanted shrubs	1. Control over harvesting 2. Attain awareness programs	Capacity development for better management of Mushroom harvesting
Procedures	1. Seek technical support from Forestry official for harvesting timber sustainably.	1. Lops and tops will be used as firewood 2. Only dead dying, crooked, forked and	Allot from SRF until abundant saplings attain pole size	Seek technical support from Forestry official for harvesting

	2. Create plantation and monitor the utilization of timber strictly. 3. Follow AAC	diseased trees will be marked.		timber sustainably.
Responsibilities	All the members and concerned forest office	All CFMG members and forestry staff	All CFMG members and forestry staff	All CFMG members and forestry staff

1.11.3. Block III: Shawgang block

Products	Timber	Fuel wood	Fencing post & Flag poles
Main Species	<i>Picea spinolosa</i> and <i>Pinus wallichaina</i>	<i>Rhodo spp.</i> , <i>Populus spp.</i> and <i>Quercus spp</i>	<i>Rhus</i> , <i>Pinus wallichaina</i>
Problems	Excessive extraction in the past	Excessive extraction in the past	Limited stock
Opportunities	Open space available for plantation	1. Open space available for plantation 2. Use dead dying lops and tops and diseased trees	Avail permit from SRF land to compensate the shortages of fencing post and flag poles.
Management objective	Plantation of desired timber species in the face of timber shortages in future	Encourage the plantation of preferable species for firewood	Encourage the plantation of preferable species for fencing post and flag poles
Activities	1. Initiate bush clearing and plantation of timber species in available open space	1. Remove death/dying and malformed trees 2. Clearing bushes 3. Initiate plantation of preferable firewood species in available open space	Control over harvesting
Procedures	1. Create plantation and monitor the utilization of timber strictly. 2. Seek technical support from Forestry official for plantation	1. Lops and tops will be used as firewood 2. Only dead dying, crooked, forked and diseased trees will be marked.	Allot from SRF until abundant saplings attain pole size

Responsibilities	All the members and concerned forest office	All CFMG members and forestry staff	All CFMG members and forestry staff
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1.12. Forest Produce Ranking

Products/services	Timber	Firewood	F/Posts	F/Poles	Water	Leaf litter	Grazing	NWFP
Timber	X							
Firewood	Timber	X						
F/Posts	Timber	Firewood	X					
F/Poles	Timber	Firewood	F/Posts	X				
Water	Water	Water	Water	Water	X			
Leaf litter	Leaf litter	Leaf litter	Leaf litter	Leaf litter	Water	X		
Grazing	Timber	Firewood	Grazing	Grazing	Water	Grazing	x	
NWFP	Timber	Firewood	F/Posts	F/Poles	water	Leaf litter	Grazing	x
Total	5	4	2	1	7	4	1	

Ranking result: 1st=water (7), 2nd=timber (5), 2nd =Leaf litter (5) 3rd=firewood (4), 4th=Grazing (3), 5th=F/posts (2), 6th=F/poles (1), 7th= NWFP (0)

1.13. Species Preference Ranking

Species	Uses	Drashing	Cham	Fencing posts	Flag poles	Firewood	Furniture
Blue pine	Preference	Xxxxx	X	x	Xx	x	
	Availability	***	**	*	*	***	
Alnus.spp	Preference	X	X	x	X	xx	
	Availability	*	*	*	*	***	
Acer spp	Preference	.x	X	x	X	x	xxx
	Availability	*	*	*	X	*	***
Rhus spp	Preference	Xx	X	xxxx	X	X	x

	Availability	*	*	**	*	*	*
Walnut	Preference	X	X	x	X	x	xxx
	Availability	*	*	*	*	*	***
Oak	Preference	X	X	x	X	xxx	x
	Availability	*	*	*	*	***	*
Spruce spp	Preference	Xx	X	x	X	xxx	x
	Availability	**	*	*	*	**	**
Populus spp	Preference	X	X	xx	Xxx	x	x
	Availability	*	*	***	***	*	*

Note: symbols to show rating: xxxxx-high preference x-low preference

*****-highly available

*-less available

1.14: Participatory Monitoring Plan

1.14.1. Participatory Forest resources impact monitoring plan

Activity	Indicator	How it will be monitored	Responsibility	Comments
Protect CF from illegal harvesting and poaching of wild animals	Number of illegal cases reduced	Regular patrolling and monitoring of CF	Resoop and CFMG members	-do-

1.14.2. Participatory social and institutional impact monitoring plan

Activity	Indicator	How it will be monitored	Responsibility	Comments
Sanctioning of loan for CFMG members	Number of households benefited	Refers to fund management book	CFMG Committee members	Carry out during loan repayment meeting
Resource allocation based on equity	Number of single headed women or disadvantaged	Records in CF utilization book	CF management committee	Monitor by concerned forest officer

	households benefited			
Revision of socio-economic survey	Number of single headed women and disadvantaged households included	Participatory review meeting	CF management committee and concerned forest officer	Refers to socio-economic survey sheet
CFMG general meeting	Number of CFMG members attended	Refers to meeting minutes & attendance register	CF management committee	Monitor by concerned forest officer
CF management committee meeting	Number of women elected as CF management committee members	Refers to CF management committee name list	CFMG members are responsible for the election of committee members	-do-

1.14.3. Participatory environment impact monitoring plan

Possible negative impact	Indicator	How it will be monitored	Responsibility	Comments
Damage of CF through excessive harvesting	Area of CF damaged	Carry out salvage operation assessment	CFMG members	Support by concerned forest officer

1.15. Annual Work plan

Objective	Activity	Year									
		1	2	3	4	5	6	7	8	9	10
Protection from outsiders	CF Boundary demarcation	Block I		Block II			Block III				
	Patrolling in CF areas	In all blocks									
Plantation in the degraded/open and harvested areas	Initiate bush clearing /thinning				Block I			Block II			Block III
	Plantation for commercial purposes	500 seedlings	500 seedlings								
Forest Fire Protection	Fireline Construction										
Waste Management	Monitoring										

Note: - Resups shall submit the report on conditions of CF once in every month to the chairman for further submission to the concerned Forest officer.

Note: - Monitoring time to time by executive members and fine as per the waste management rules

1.16. Monitoring, review and evaluation

The annual work plan and progress report of the CF shall be submitted to the concerned forest officer based on Annexure 2 format 1. The monitoring of CF activities and maintaining of the records should be carried by concerned forest officer jointly with CF management committee. A mid-term review shall be carried out at the last quarter of the 5th year plan period. and the final at the last quarter of the 9th year plan period. The review and final evaluation report shall be based on Annexure 6 from forestry field manual for Bhutan 2018 (3rd edition).

1.17. CF Networking

Thadra Community Forest can participate in CF networking programs initiated by DoFPS to encourage development of CF cooperation with other CFs in the Geog, Dzongkhag and CFs of Bhutan.

2. SECTION B: COMMUNITY BY- LAWS

2.1. CFMG membership

- i. The revised CF bylaws supersedes all sections of 2012 CF by-laws however the name of CF remains unchanged (Thadra CF).
- ii. The name of the CFMG shall be known as Thadra Community Forest Management Group.
- iii. The management group comprises of 39 members from Rimtakha Dorgoen village.
- iv. It shall come into effect after the formal approval by the Department of Forest and Park services.
- v. Any new members within the CFMG due to family nuclearization willing to join in CF with separate Gung are allowed with payment of Nu. 3000 as entry fee. They shall be accessed for any forest product rights from the date of joining as CFMG.
- vi. Non-member who purchased the land and settled in the village with his/her own legitimate gung & thram shall be allowed to join the membership upon payment of Nu. 20000 as entry fee.
- vii. A copy of new membership application should be forwarded to concerned forest officer for necessary updating of the membership list.
- viii. All enrollments of new CFMG members shall be done only after consulting the existing CFMG members during the time of meeting.

2.2. Withdrawal of membership.

- i. Any members wishing to withdraw their membership can do so after prior approval of CF Chairperson, with the written application and withdrawal fee of Nu. 25,000.00 (Twenty Thousand) only for those who have availed the resources from CF. No benefits shall be paid for those leaving the group in any form and will be not entertained to rejoin the CFMG in future years. However, the members those who have not availed rural timber from CF are not required to pay the withdrawal fee of Nu. 25000 (Twenty Thousand).
- ii. The committee members are allowed to serve for minimum period of 3 years, if he /she is not interested to serve as committee member, he/she can withdraw from committee without any benefits but will remain as CFMG members.
- iii. A copy of resignation of membership application should be forwarded to concerned forest officer for necessary updating of the membership list.

2.3. MANAGEMENT COMMITTEE FORMATION

2.3.1. Composition of committee members

The executive members were selected amongst the member based on the qualification and experience by the members during CF planning meeting in presence of forestry officials.

- i. Executive committee comprises of Chairperson, Secretary, Treasurer and another three Resups to oversee the day-to-day activities of the CF.
- ii. The terms of executive members shall be for three years. The same person can be re-elected if the service rendered by him/her is found satisfactory by the members or else can be subject to termination even before the term is complete on disciplinary ground.

Table 6. Name list of CF management committee

Sl No	Name	Contact Numbers	Sex	Designation	Tenure	
1	Mr.Karma	77288636	Male	Chairman	3yrs	Minimum
2	Mr. Kencho Rinchen	77601222	Male	Secretary	3 yrs	Minimum
3	Mrs.Namgay Wangmo	77756403	Female	Accountant	3yrs	Minimum
4	Mr. Pema		Male	Resoop	1yr	
5	Mrs. Sonam		Female	Resoop	1yr	
6	Mr.Tshering		Male	Resoop	1 yr	

2.3.2. Election of the committee members

The CF management committee will be elected among CFMG members every after 3 years. However, they can be terminated and the election shall be carried out through unanimous decisions of the group. The election will be conducted during general meeting in the presence of concerned forestry official.

2.3.3. Annual compensation for Management Committee members.

Executive Management Committee Members alike Chairperson will be provided with an annual incentives of Nu. 10,000 (Ten thousand) and Nu.8,000 (Eight thousand) each for Secretary and accountant for their services rendered to CFMG.

2.3.4. Eligibility of the management committee members

Every member has the right to become the executive committee member unless he or she meets the following criteria:

- i. He/she should be the legal member of the CFMG
- ii. He/she should be able to read and write
- iii. Preference will be given to experience members
- iv. He/she should be mentally sound

- v. He/she should be 18 years and above and below 65 years of age
- vi. He/she should be living in the village permanently

2.4. Terms of Reference for CF Management Committee.

Sl. No	Title	Rights and Responsibilities
1	Chairperson	<ol style="list-style-type: none"> 1. Plan and initiate CF activities. 2. Coordinate meetings. 3. Report progress of the Community Forest. 4. Issuance of permit and maintenance of CF books. 5. Sign joint accounts for transaction. 6. Monitor CF fund utilization. 7. Overall monitoring of CF activities as per the plan and reporting. 8. Sanction loans. 9. Work as per the Community Forest Management plan.
2	Secretary	<ol style="list-style-type: none"> 1. Assist Chairperson in his/her absence and coordinate the work. 2. Minute keeping 3. Sign on permit together with Chairperson as required in the permit. 4. Sign joint accounts for transaction. 5. Crosscheck Community Forest fund utilization. 6. Sign the loan sanction letter. 7. Respect the bylaws framed here in this management plan.
3	Treasurer	<ol style="list-style-type: none"> 1. Maintain cash book and report Community Forest fund annually to Forest office. 2. Receive fines and penalties and deposit into CF accounts. 3. Keep detail accounts of the CF funds. 4. Withdraw and deposit of funds. 5. Sign the loan sanction letter. 6. Respect the bylaws framed here in this management plan. 7. Work as per the Annual Work plan of this management plan.
4	Resoops	<ol style="list-style-type: none"> 1. He/she has the right to patrol the CF area and report any illegal activities taking place in the CF areas. 2. He/she has the right to question any member for CF product utilization. 3. He/she be rewarded with the 25% of the amount in case if they apprehend any culprit

		4. Assist the marking officer during marking and ensure the sanitation of the forest after the extraction.
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2.5. Procedure for leaving the Executive Committee

- i. The chairman, secretary and treasurer are not allowed to leave their post for a period of 3 years. However, he/she will be allowed for the genuine reasons like death case, long term sickness, etc. upon submission of application to CFMG members. The approval is accorded only after the election and replacement of his/her post with the proper handing taking of CF accounts, properties and records based on Annexure 15. The same shall be applied to rest of the executive committee members.
- ii. A copy of handing taking charge sheet note along with a name list of newly elected members should be submitted to the concerned forest officer for necessary information and updating the records.

2.6. Roles and responsibilities of CFMG members

All the CFMG members must have following responsibilities:

- i. Every individual has to participate in the CF related activities and has equal rights to access over the resources.
- ii. The equity and justice among members shall be maintained instead of focusing on equal share.
- iii. Every individual shall have equal opportunity to elect the management committee members and shall have rights to speak and share concerns and suggestions;
- iv. Each individual is responsible to inspect, verify and report illegal activities to the management committee or to forestry officials.
- v. Everyone has equal opportunity to hold the post of management committee if he/she fulfills the above eligibility criteria.
- vi. The members shall have rights and access to CF accounts and auditing the documents.

2.7. Benefit sharing mechanism

- i. The resource sharing shall be based on equity and the primary priority will be given to the members who do not have a house to live in or affected by disaster.
- ii. The Quantity of timber to be allotted and the number of applicants is clearly prescribed in the management plan by comparing the AHL and the Demand assessment.
- iii. No timbers trees will be granted free of cost. The permit shall be issued for each produce at the prescribed rate to generate adequate revenue/income for the group.
- iv. The secondary priority shall be given to single headed women.
- v. The timber granted for rural house construction shall be strictly prohibited for commercial sale and if any members being found in such activities shall be guilty of an offence and dealt as per FNCRR 2023 and FNCA 2023.

- vi. The concerned forest official shall allow loaning of CF subsidized rural timber for rural house construction only within the same CF upon signing undertaking by the proponent.
- vii. The transit of timber shall be restricted to the concerned village only and shall not be allowed to reach at any construction sites, hotels and restaurants in the urban areas or along national high way.
- viii. The CFMG shall not contribute timber for any community constructions like the construction of community temple, school or BHU, etc. in the village if there is external fund support, however, timber may be allotted considering the AAC in their prescribe management plan.
- ix. The executive members should ensure all the revenues generated are properly recorded and all the group members of the CF are well informed. This will ensure free and fair benefit sharing later.
- x. No single person should take advantage and try to derive individual benefit from the group's hard-earned funds.
- xi. Every single produce that are supposed to go out of the Community Forest area should be declared to group members. The executive committee members together with representative from forestry department should ensure that this happens at any cost.
- xii. Every forest produces in Community Forest areas shall be supplied to community members only after realization of royalty at prescribed rate in this management plan.
- xiii. Fuel wood shall be met from the lops and tops and as far as possible collect dry wood, if there are no dry woods two number of Standing trees shall be issued.
- xiv. Benefit sharing will be just and fair, the executive members together with concerned forestry officials should make sure this to happen by any means.
- xv. Loan will be dispersed to interested individuals who wish to obtain it with the minimum interest rate of 9 % per annum.
- xvi. Water resources; individuals or institutions can use the water resources from CF areas upon payment of minimum monetary incentives to the CFMG which is agreed by both the parties.
- xvii. Application form for resources allotment must be submitted to concerned forest officer at any time with duly verified by the committee members for verification and marking.

2.7.1. Timber

- i. Members are entitled for timber as per the prescribed CF plan for construction of rural house and for other rural purposes.
- ii. The Chairman shall grant and allot permit for rural house construction from CF areas only if CF member submits rural house construction approval from concerned authority.

- iii. The management committee shall review applications and approve or reject the application based on the above section 2.7.1(ii) and supporting documents indicating requirement of timbers.
- iv. The priority shall be given to the members who have no proper houses or the houses which were affected by the disaster.
- v. The renovation or other construction purposes also have to submit the application to the chairman; however, the construction approval is not required.
- vi. The permit validity shall be as per the FNCRR 2023 and, after which the applicant should renew the permit and extend the dateline if collection and transit of timber is not completed.
- vii. The permit will be extended as per the FNCRR 2023 upon payment of royalty. Failure to extract the timber on extended period will lead to allotment of timber to other needy individuals.
- viii. Members are eligible to apply for the second quota for new construction or renovation purposes as per the FNCRR 2023.

2.7.2. Fuel wood

- i. Members are allowed to collect dry firewood paying royalty.
- ii. Each member shall be given with two standing trees as firewood every year.
- iii. Firewood shall be sometimes met from lops and tops or twigs/branches from timber harvesting & thinning operations with no obtaining collection permit.
- iv. Firewood allotment shall be focused on non-timber species;
- v. Outsiders shall not be entertained to collect any firewood from CF areas;

2.7.3. Fencing posts

All CFMG members are entitled to get fencing posts based on their genuine cases.

- i. Fencing posts shall be allotted with the maximum ceiling of 50nos/ head.
- ii. Timber species shall not be entertained for fencing posts.
- iii. Fencing posts can be sometimes met from bush clearing & thinning operation of CF block.
- iv. Only malformed, diseased or inferior species should be allotted for fencing posts.
- v. Outsiders are not allowed to harvest any fencing posts.

2.7.4. Grazing in CF areas

- i. Grazing shall be permitted but restricted inside plantation areas.
- ii. Outsiders are not allowed to graze their animals within the CF area.

2.7.5. Non-wood Forest Product

- i. Collection of *endangered NWFP species* shall be restricted to both CFMG members and outsiders if found in CF areas.

- ii. Collection of mushroom or other NWFPs for self-consumption will be allowed without any royalty.
- iii. Members are allowed to collect leaf litters or top soil free of royalty.
- iv. Stones or boulders collection will be met from SRF land as there are no surface collection sites in the CF area.
- v. Selling of NWFPs shall be permitted in a group but not as individual member.
- vi. Outsiders are not allowed to collect any leaf litters, top soil or NWFPs from CF area.

2.7.6. Loan disbursement procedures.

CFMG member can avail the maximum loan amount decided by the committee member refereeing the Royal monetary Authority norms. The decision shall be made by 2/3 majority of the CFMG members during general meeting;

- The treasurer shall maintain all the expenditure records like receipts, vouchers, bills, minutes of meeting, etc. All such expenses should be recorded to cash book immediately.
- The treasurer shall present the details of expenditure to the CFMG members and concerned inspection team as and when required.
- The CF committee members shall equally sanction the loan to all interested members as far as possible at minimum amount as having no mortgage.

2.7.6(a). CFMG fund for loans and its procedures

The CFMG can allocate fund for loaning not more than 50% of the total fund. The borrower should submit an application as per Annexure 9 and draw an agreement based on Annexure 10 with the detail records of loan in Annexure 2, format 10.

2.7.6(b). Eligibility criteria for loan

Every CFMG members shall be given opportunity to avail loan from their CF fund with the fulfillment of following criteria:

- i. The decided loan amount shall approve and released without mortgage.
- ii. Loan from CFMG fund shall not be given to non CFMG members.
- iii. The borrowers must be of 18 years and above.
- iv. Only one member from the households is eligible for loan at a time.
- v. Should not have any outstanding loan with CFMG.

2.7.6(c). Interest rate and loan term

All CFMG members are eligible to avail loan from the CF fund. The members shall be given an interest rate of 9% per annum. The loan shall be given on annual basis and every member should cleared their loan dues annually. The loan shall not be given to any members before 1 year of its expiry date of plan period and to non-members at any cost.

2.7.6(d). Repayment schedule and process

The borrower shall pay the principal amount including its total interest on annual basis. Upon the completion of its deadline, management committee shall conduct a general meeting whereby all the CFMG members are required to clear their annual loan dues. The fresh loan can be approved only after the repayment of its previous loan.

2.7.6(e). Penalties

Any member who fails to repay his/her loan in a given time shall be liable to pay a penalty from the date of expiry with reference to Annexure 2 format 10. The borrower should be liable to repay the loan amount with the interest rate of 20% per annum.

2.7.6(f). Loan approval and disbursement process

Any member who wants to avail a loan should fulfill the above eligibility criteria. The general meeting will approve the loan based on general consensus. The borrower and the management committee shall sign a loan agreement as per Annexure 10 before sanctioning of any loan. The loan agreement is prepared in two copies with one for CF management committee and another for borrower.

2.7.6(g). Loan review

At the end of each year, the CF management committee shall review all the loans and repayments. The information of the review shall be shared during CFMG general meeting.

2.8: Fees**Royalty rates of forest produces**

Sl.No	Types of products	Royalty Rate (Nu)	
		Within CFMG	Outsiders
1.	Drashing	Nu. 100/standing tree	As per NRDCL rate.
2	Cham	Nu.80/standing tree	
2.	Fencing Posts	Nu. 15/piece	
3.	Flag poles	Nu. 30 for Lhadhar Nu.15/nos for other flag poles	
4.	Firewood	Nu. 50/standing tree	
5	Boulders and Soil	Nu.100 T/L	
6	Permit fee	Nu.10	

2.9. Fines and Penalties.

- i. Any illegal activities carried out inside the CF by CFMG members or the outsiders shall be dealt as per FNCRR, 2023.

- ii. All cases related to offence shall be registered with CF committee members and compounded by the CF committee members as per FNCRR 2023. In the event of not willing to settle the case by the defaulter the case will be forwarded to the concern forestry official for taking further steps to compound the case.
- iii. The fines and penalties collected either by CF committee members or by forestry officials should be deposited in joint CF account within 10 days receipt of fines.
- iv. Any wild life related crime shall be dealt by concerned forest office and compounded based on FNCRR, 2023 or any rule that supersedes it. The fines so collected from it will go to Govt. revenue.
- v. All members, including the committee members are required to make their presence in meetings and group activities compulsorily.
- vi. Any absentees from work and meeting will be levied of fined Nu. 500/- (Five hundred) only. However, consideration will be given in the event of unavoidable circumstances such as court case, police detention, death and sick cases will be exempted and treated as kidu after informing chairperson only with producing evidences.
- vii. Rural timber permit holder will be fined Nu,5,000 (Ten Thousand) only if found lops and tops and Bakals/slabs not collected to maintain best sanitation.
- viii. Under age below 18 years will not accept in work or in meeting, the concerned household will be marked as absentee and levy fine as prescribed above.
- ix. Any committee members or other members found misusing the community funds will be terminated from the post. He/She shall be liable to pay double the amount being misused and together with the interest on the amount prescribed in this rule.
- x. The misuse of power by the committee members shall be liable for fine and penalties and shall be treated at par with illegal doers. Thus, fine and compensation on the misused produces will be levied against them as per FNCRR, 2023 and rules that supersedes it.
- xi. Collection of any NWFP from CF area by non CFMG members will be considered as an offence and will be fined as per the FNCRR, 2023.
- xii. Grazing in the plantation area is strictly prohibited and is liable to carry out the replantation of saplings in double the numbers that was destroyed.
- xiii. No firewood permit will be issued to those who applied timber for new construction and renovation. They can collect lops and tops from the standing trees allotted.
- xiv. Resoops are not entitled for timber and other forest produce if found not doing monthly monitoring and submit report to CF chairman for further submission to concern forest officials.

2.10. CF Fund Management

2.10.1. Source of fund

The probable sources of CF funds are as follows

- i. Membership fees
- ii. Royalties from the forest products
- iii. Fines and penalties
- iv. Interest returns from loan released to members and bank deposit
- v. Sale of forest products for commercial purposes

2.10.2. Procedure in CF fund management

- i. CFMG should continue with same bank account maintained with any financial institutions in the previous terms.
- ii. The account shall be operated under a joint signatory of chairman, treasurer and a secretary;
- iii. Money receipt should be issued for all the payments received.
- iv. Treasurer should collect all contributions, donations, fees, fines and maintain detail records for references.
- v. All financial records should be made available to authorized auditing team or inspection team at any time of the year.

2.10.3. CF fund utilization areas

Areas where CFMG funds can be utilized;

Areas of fund use	Limit (%)
CF development activities (CF review, nursery creation, plantation, thinning, cleaning, salvage operation, boundary demarcation, fire line creation, etc.	Not less than 25%
CFMG enhancement (loan, capacity building, study visits, meeting, workshops, net-working, visitors in CF, income generation, enterprise development, etc.).	Not more than 50%
Reserved fund in the bank (security deposit)	Not less than 5 %

2.11. Record and book keeping

The management committee shall maintain the detail records of CF. All the CF official books should be kept under the safe custody of management committee and shall be available for reference at any time. The secretary is responsible for record keeping activities whereas the treasurer for book keeping activities in CF. The verification and overall maintenance of records should be done by chairman whereas the timely monitoring and technical support should be given by concerned forest officials.

2.12. Meeting

2.12.1. General meeting

- i. All members are required to present during general meeting.
- ii. The general meeting will be conducted in the month of August and May every year.

- iii. The meeting agenda shall be on annual work plan and activities periodization as per operational plan reflected in the management plan and fund management.
- iv. The meeting also reviews the achievement of fiscal year activities.
- v. The meeting discusses the CF related issues like insufficiency of timber, members conflict, illegal harvesting, by-laws incompatibilities and so on.

2.12.2. Executive members meeting

- i. All executive members are required to present during committee meeting.
- ii. The meeting shall be conducted at any time of the year if required necessary.
- iii. Any management issues which are to be managed at committee level shall be discussed and resolve in the meeting.

2.13: Conflict management

- i. The chairman is responsible for management of any conflict of CFMGs.
- ii. If Chairman fails to manage the conflict, he /she will put the issues in the CF general meeting for discussion and resolution and to higher authorities if the CF general meeting fails to manage the conflict.
- iii. The conflict related to wildlife, forest fire and developmental activities like farm road construction, land encroachment, etc. shall be directly forwarded to concerned forest officials for further necessary follow-up.

2.14. Developmental Activities within or through CF Area

- i. The community will not restrict or object any developmental activities such as construction of farm road, transmission lines, water supply etc taking place within the CF area. However, clearance has to be obtained from CFMG and concerned agencies shall have to compensate the damaged caused by the developmental activities as per the FNCRR, 2023. The assessment will be carried out by the Forestry officials in presence of CFMG and parties concerned.
- ii. CFMG can incorporate with any other groups which could benefit and generate income to the CFMG as whole in future.

2.15. Amendment of CFMP and by-laws

- i. The approved and certified management plan serves as a legal document for managing the CF and its bylaws by CFMG members.
- ii. All the management activities are required to be carried out as per management plan and by-laws.
- iii. The CFMG shall have right to amendment some sections or criteria if found genuine by conducting general meeting in presence of forestry officials.

- iv. The members will be allowed to incorporate the amendment parts into the management plan and implement accordingly after receiving the recommended notification from the Department.

2.16. Powers of the Department

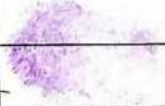
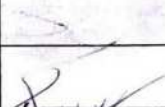
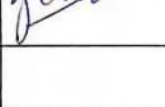
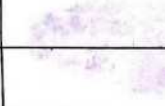
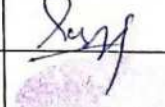
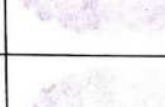

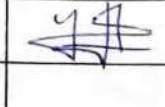
- i. With reference to FNCRR 2023, the Department shall suspend the rights and privileges of the CFMG members to control, manage and utilize the CF when members are unable to manage the CF according to its management plan and bylaws or otherwise fail to meet their responsibilities.
- ii. The Department also has the right to suspend the CF if the members engaged in any activities against the set provisions prescribed in the by-laws or management plan.
- iii. The CF shall be suspended for a minimum period of 3 years during which the CFMG members shall not be allowed to avail any forest produce from SRF land. After three years the Department shall review issue and decided for approval or rejection of the certificate based on the recommendation from CFO and FRPMD.

Annexure 1: CFMG membership list

Annexure 3: CFMG membership list



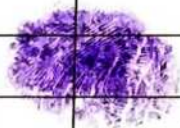
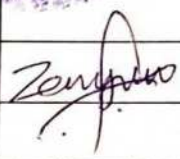
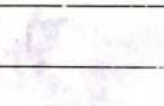

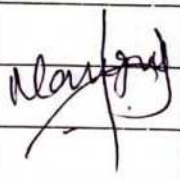
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COMMUNITY FOREST MANAGEMENT GROUP MEMBERSHIP

Sl.No	Name Household Representative	CID Number	H/H No	Thram/No	Signature
1/	Karma Gyeltshen	10204000 674	K-4-362	446.	
2/	Ugyen	10204000 574	K-4-174	80	
3/	Pema Zangmo	10204000 681	K-4-419	1077	
4/	Ngedup Pem	10204000 259	K-4-140	214	
5/	Changlom	10204000 505.	K-4-166	69.	
6/	Migmar	10204000 247	K-4-138	78.	
7/	Bida	10204000 397	K-4-156	86.	
8/	Yeshey Paladen	10204000 598	K-4-178	85.	

9/	Zam	1020400 2361	K-4-119	217	
10/	Dawa Zam	1020400 2301	K-4-1129	1002	
11/	Pshering Dem	1020400 2339	K-4-117	305	
12/	Pshering Wangmo	1020500 2062	K-4-111-6	1007	
13/	kelzang	1020400 2259	K-4-92	384	
14/	kinley	10204000 1020400 659	K-4-186	171	Biff
15/	karma Wangmo	1020400 2413	K-4-126	358	
16/	Soram Penjor	10204000 513	K-4-167	71	
17/	Pshering	1020400 2391	K-4-123	962	
18/	Pashi Delek	1020400 2264	K-4-171	1203 1023	
19/	Zekom	10204000 705	K-4-189	412	
20/	Thinley Dem	1020400 2497	K-4-134	362	

21	Wangdi	10204000 281	K-4-143	93	
22	Pema	10204000 0347	K-4-367	4131	lmt.
23	Pasang	10204000 2331	K-4-116	352	
24	Lhaden	10204000 521	K-4-ni-04	934	144
25	Hochum	10204000 400	K-4-368	945	
26	Chencho	10204000 448	K-4-161	187	
27	Tshering Denkar	10204000542	K-4-171	346	Dung
28	Dorji Biddha	10204000536	K-4-173	90	
29	Tshering	10204000 534	K-4-170	6	Wangdi
30	Bardum	10204000 499	K-4-16	203	San
31	Pedon	10204000 498	K-4-164	89	

32	Dorichu	10204000	K-4-388	75	
		621			
33	Thinley Gyeltshen	10204000	K-4-366	345	
		355			
34	Khendu	10204000	K-4-157	58	
		413			
35	Zangmo.	1020400	K-4-122	359	
		2393			
36	Dorji Zangmo	10204000	K-4-178	76	
		693			
37	kenchu Ringchen	1020400	K-4-924	70	
		2412			
38	Pelmo	1141000	Pha-11-493	2/1374	
		3305			
39	Dorji Gyetshe	10204000	K-4-172	67	
		547			

(ཕྱི་མཁའ་རྒྱུ་མངའ་སྡེ་ནགས་ཚལ་གཙོ་འཛིན་འགོ་དཔོན་མཆོག་ལུ།

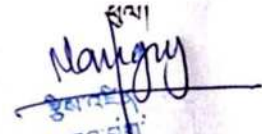
ཕྱོད་ལྷན་པས་ཕྱོད་ལྷན་གྱི་ཐོག་ཕྱོད་ལྷན་ཚལ་བཞོད་ཚོགས་འཐུས་མི་
དང་ལྷན་པར་དུ་འཐུས་མི་ཡོངས་ཀྱི་མིང་པས་ཕྱག་བཅས་ཞུ་གསོལ་དེ་ནི་གནད་དོན་གང་ལ་ཞུན་ར་བཅས་ཀྱི་ཕྱོད་སྡེ་
འདི་གནས་ལོ་2012ལུ་གཞི་བཙུགས་འབད་འདི་དུས་ཅི་གནས་ལོ་2022ལོ་ལུ་ལོ་རོ་བཙུག་གཅིག་ལངས་ཡོད་པ་
ལས་འཛིན་སྐྱོང་ཆར་གཞི་བསྐྱར་ཞིབ་མཛད་གནང་དགོ་པའི་ཞུ་བ་དང་ལོ་བཟེར་ལ་བ་block་ནང་བྱག་ཟར་བྱག་ཡོད་
མི་ལུ་བརྟེན་གྱི་ཡོད་ཅུང་བརྟེན་མ་ཚུགས་པའི་དཀའ་ངལ་ཡོད་པ་ལས་བྱག་དང་ཟར་གསལ་ཡོད་པའི་ས་གནས་ཚུ་ཕྱིར་
བརྟེན་གནང་ཏེ་གནས་བསྐྱབས་ས་ཁོངས་ཁ་བཞོད་བཙུགས་གནང་དགོ་པའི་སྤྱིད་སྤྱག་ཞུ་བ་སྐྱེད་པ་མ་ཆེན་མཆོག་
ལགས། ཞེས་སྤྱི་ཚེས་7/72/2022ལ་ཐ་བྱག་ཕྱོད་སྡེ་ནགས་ཚལ་འཐུས་ཡོངས་ནས་ཕྱག་བཅས་



ཁྱི་འཛིན་
མཐའ་བྱག་
ཕྱོད་སྡེ་ནགས་ཚལ།



བྱང་ཆེན་
མཐའ་བྱག་
ཕྱོད་སྡེ་ནགས་ཚལ།



ཕྱོད་སྡེ་ནགས་ཚལ།

Annexure IV: CFMG new membership application 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/Chiwog
 Gewog: Gung No.:
 Thram No.:

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 & Name of the Applicant

Affix legal stamp

The details given above are true to the best of my knowledge. From the date of 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 registered after paying the membership fee and compensation, if any)

Signature & Date.....

Name

Name.....

Signature & Date

Name

Signature & Date

.....

Official seal

Chairperson

Official Seal

Secretary**Treasurer**

Copy to: Concerned Forestry Officer Date of registration:

Serial No.

Annexure V: CFMG membership resignation application form

To

The Chairperson

_____ CF

I would like to resign from the CFMG starting from _____. I hereby furnish my details as mentioned below:

Part A: To be filled by the Applicant

Name of Household representative:CID No:

.....Village/Chiwog:Gewog:

.....Gung No:Thram:

Reason of withdrawal from CF membership:

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

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

Date of submission: _____

Signature & Name of the Applicant

Part B: To be filled up by CFMC members

Date of application received:

The details of the applicant and his/her reason 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 request after clearing any dues with the CFMG.

Verified and approved by CF Management Committee:

Signature & Date.....

Signature & Date

Signature & Date

Name

Name

Name.....

Official seal

Official Seal

Official Seal

Chairperson

Secretary

Treasurer

Copy to: Concerned Forestry Officer Date of resignation: Serial No.
.....

ANNEX 9: LOANS APPLICATION FOR CFMG MEMBERS

Mortgage မူရင်းနှီးမြှုပ်နှံမှု (apartment)

a) ၈၅	Total value of mortgage (s)
b) ၈၆	၈၅၈ ဘိ ဘိ ဘိ ဘိ
c) ၈၇	

Third Party Guaranty (if any): None

Name, CID No. M. No. Thram No. Gung No. སྐུ་སྤྱོད་པའི་བློན་པོ། / མངཉ་པོ་ལྷན་པོ་གྲངས་པོ། རྒྱུ་རྩ་པོ་	Signature and Date བོད་སྐད་ཀྱི་གསུང་ཚིག་
--	---

Signature and Date of Applicant with legal stamp:

ཁྱིམ་གྱི་སྒོ་ནང་དུ་བཞག་པའི་རྩལ་ལ་ཕྱིན་ཡོང།

--

Sanctioned by:

Treasurer

संस्कृत

Secretary

5-28

Chairperson

Fig. 10.10

Annexure VII: Loan Agreement for CFMG members

Community Forest Management Group's Loan Agreement (*translated version is also below this annex*)

This loan agreement is executed between Mr..... CID no..... from.....Village,.....Gewog,.....Dzongkhag, who is a Community Forest User Group Member, hereinafter referred to as the "Borrower" and.....Community Forest Management Group, located at Gewog,Dzongkhag, who is duly represented by the Chairperson and Treasurer, hereinafter 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..... (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 : Nu.

Interest rate : %

Loan duration : years

Interest amount : Nu.

Total amount payable : Nu.

(Principal amount plus interest amount)

Repayment of the loan:

The Borrower shall repay the loan amount along with the interest amounting to Nu..... per year or 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 schedule 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 with the guarantor.

Penalty on default of payment:

The "Lender" shall be liable for the 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 the "Lender is not able repay the loan amount, the burden shall be on the "Guarantor", if any

or the “Borrower” shall realise the loan amount through the disposal of mortgaged property upon following a due process of law.

Done on.....day ofmonth at

For Borrower:

For Lender:

Chairperson’s signature

Signature

Treasurer’s signature

Guarantor’s signature

CID #

Contact #

Annexure VIII: Application form for forest produce from CF for rural use

Part A – To be filled in by the Applicant/member

- a. Name of applicant:
- b. Citizenship I.D. no: c. Village:
- d. Gung No: e. Thram No:
- f. Details of timber availed from SRF/CF If yes, please provide details of the timber allotted as follows:

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

- g. Details of following timber applied for the purpose

Products	Quantity (Nos.)	Volume (cft)	Remarks
Drashing			
Cham			
Tsim			
Dangchung/ Flag			
Firewood			
Sand			
Stones			
NWFPs (specify)			
Others			

- h. Purpose.....

Note: An applicant can avail timber as per the FNCRR, 2017 once in 25 years for new construction and 12 years for renovation which will be calculated from previous timber allotments from SRF/CF. k. Copy of construction approval attached:

I hereby certify that the details given above are true to the best of my knowledge. In case of any false or wrong information, I am liable to be penalized under the Forest & Nature Conservation Act 1995 and the Rules and Regulations made there under.

Signature of applicant with legal stamp affixed

Date.....

PART B: To be filled up by the CF Management Committee Construction approval no:

..... dated

We hereby certify that:

- i) We have verified the details of the applicant and found to be true and correct
- ii) ii) Timber requirement is genuine
- iii) iii) The details of the applicant and quantity of timber/other forest products applied for rural use have been verified with the records maintained by the CFMG and found to be correct.

We hereby Approve/Reject the application for allotting timber/other forest products to the applicant from CF Reasons for rejection:

.....
.....
.....
.....

1. Name & Signature of Chairperson & Date
2. Name & Signature of Secretary & Date
3. Name & Signature of Treasurer & Date

Annexure IX: Handing taking charge note for CFMG

I/we Mr.
 Chairperson/Secretary/Treasurer, of
 Community
 Forest Management Group, Gewog,
 Dzongkhag after rendering years of service is resigning with the permission from
 CFMG members as decided or approved during the CFMG meeting conducted on

Therefore, the undersigned hereby handed over the complete charge of the
 CF to new CF
 Management Committee members
 (Chairperson/Secretary/Treasurer) on dated

The charge lists are as attached below:

- I. CFMG fund status on handing taking over day
1. Cash in hand (Nu.):
 2. Bank balance (Nu.):
 3. Loan (Nu.):
 4. Total CFMG fund (Nu.):

II. Record Keeping Books/Registers and files

Sl. No.	List of books/register	Quantity	Used for year	Remarks

III. List of Tools, Equipment & furniture

Sl. No.	Detail of items	Quantity	Acquired/Transferred from	Remarks

IV. Others (mention if any)

Handed over by

Taken Over By

In Presence of