

GUIDANCE DOCUMENT FORMULATION OF SUSTAINABLE FOREST MANAGEMENT PLANS

(Intended for Organization)



TABLE OF CONTENTS

PREFACE	
CHAPTER I: THE GENERAL INFORMATION	2
1. THE CONCEPT OF SUSTAINABLE FOREST MANAGEMENT AND FOREST	
MANAGEMENT CERTIFICATE	2
1.1 THE SUSTAINABLE FOREST MANAGEMENT INTRODUCTION	2
1.2. THE FOREST MANAGEMENT CERTIFICATE INTRODUCTION	
2. DEVELOPING PLAN FOR SUSTAINABLE FOREST MANAGEMENT	
2.1. THE ROLE OF FORMULATING A PLAN FOR SUSTAINABLE FOREST	
MANAGEMENT	4
2.2. THE RESPONSIBILITIES IN DEVELOPING A PLAN FOR SUSTAINABLE	'
FOREST MANAGEMENT	1
2.3. TIME FOR IMPLEMENTATION OF THE SUSTAINABLE FOREST	
MANAGEMENT PLAN	1
2.4. APPROVAL OF SUSTAINABLE FOREST MANAGEMENT PLAN	
2.4. APPROVAL OF SOSTAINABLE FOREST MANAGEMENT PLAN	3
	_
MANAGEMENT PLAN2.6. CONTENT OF SUSTAINABLE FOREST MANAGEMENT PLAN	
2.7. SEQUENCE FOR DEVELOPING A SUSTAINABLE FOREST MANAGEME	
PLAN	/
2.8. OUTPUTS OF SUSTAINABLE FOREST MANAGEMENT PLAN	
CHAPTER II: THE DETAILED GUIDELINES ON FORMULATING A SUSTAINABLE	
FOREST MANAGEMENT PLAN FOR ORGANIZATION	
PART 1: INTRODUCTION	
I. GENERAL OVERVIEW OF FOREST MANAGEMENT, PROTECTION, AND	
DEVELOPMENT SECURING FOREST USE PURPOSE	9
II. THE NEED TO DEVELOPING AND IMPLEMENTING OF SUSTAINABLE	
FOREST MANAGEMENT PLAN	
CHAPTER 1: BASIS FOR DEVELOPING THE PLAN	
I. THE STATE POLICIES AND LAW	
II. THE INTERNATIONAL COMMITMENTS	11
III. THE USED DOCUMENTS	
CHAPTER 2: CHARACTERISTICS OF THE ORGANIZATION	12
I. GENERAL INFORMATION	12
II. GEOGRAPHIC LOCATION, TOPOGRAPHY, CLIMATE, HYDROLOGY, AND)
SOILIII. LIVING, ECONOMIC AND SOCIAL CONDITIONS	14
IV. TRAFFIC	15
IV. TRAFFICV. FOREST ENVIRONMENT SERVICES	16
VI. CURRENT SITUATION OF LAND USE	18
VII. THE STATUS OF FOREST RESOURCES	19
VIII. CURRENT SITUATION OF FACILITIES, PROGRAMS AND PROJECTS	0
IMPLEMENTED	23
IX. ASSESSMENT OF FOREST MANAGEMENT, PROTECTION,	20
DEVELOPMENT, BIODIVERSITY CONSERVATION	24
IX-A. FUNCTIONAL SUB-ZONE OF SPECIAL-USE FOREST AREA (APPLY TO	∠+ Դ
SPECIAL-USE FOREST OWNER)	
IX-B. DETERMINATION OF THE PROTECTION FUNCTION OF THE FOREST	<i>∠1</i>
(APPLY TO PROTECTION FOREST OWNER)	
MEELL TO FROTECTION FUREST OWNER)	∠0



IX-C. PRODUCTION AND BUSINESS RESULTS OF FOREST OWNERS IN THREE (03) CONSECUTIVE YEARS (APPLY TO PRODUCTION FOREST	00
OWNER)IX-D. RESULTS OF IMPLEMENTATION OF THE FOREST OWNERS' PUBLIC DUTY IN THREE (03) CONSECUTIVE YEARS (APPLY TO SPECIAL USE	29 ;
FOREST AND PROTECTION FORESTS OWNER)	30
CHAPTER 3: OBJECTIVES, CONTENT AND EFFECTIVENESS OF THE PLAN.	
I. OBJECTIVES AND SCOPE OF SUSTAINABLE FOREST MANAGEMENT	
II. LAND USE PLAN	32
III. DETERMINATION OF EXCLUSION AREA AND FOREST PRODUCTION A	ND
TRADING ORGANIZATION (APPLY TO PRODUCTION FOREST OWNER)	
IV. CONTRACTING PLAN FOR FOREST PROTECTION AND DEVELOPMENT	Τ
FOR HOUSEHOLDS, INDIVIDUAL, COMMUNITY	35
V. PLAN FOR MANAGEMENT, PROTECTION, DEVELOPMENT AND	
SUSTAINABLE FOREST USE, CONSERVING BIODIVERSITY	
1. PLAN FOR FOREST PROTECTION, BIODIVERSITY CONSERVATION	
2. FOREST DEVELOPMENT PLAN	
3. FOREST HARVESTING PLAN (IF ANY)	
4. SCIENTIFIC RESEARCH, TEACHING, PRACTICE, HUMAN RESOURCE	
TRAINING5. ECOTOURISM, RECREATION, ENTERTAINMENT	39
6. COMBINED AGRICULTURE, FORESTRY AND FISHERY PRODUCTION	
(APPLY TO PROTECTION FOREST AND PRODUCTION FOREST)	
7. BUILDING INFRASTRUCTURE FOR FOREST MANAGEMENT,	+1
PROTECTION, DEVELOPMENT, AND USE	41
8. SERVICE ACTIVITIES FOR THE COMMUNITY	42
9. ACTIVITIES ON PAYMENT FOR FOREST ENVIRONMENTAL SERVICES	
FOREST ENVIRONMENT LEASE	42
10. COMMUNICATION, DISSEMINATION, AND EDUCATION OF LAW ON	
FOREST PROTECTION AND DEVELOPMENT	43
11. MONITORING FOREST RESOURCES AND BIODIVERSITY; FOREST	
SURVEY AND INVENTORY	44
12. FOREST PRODUCTS PROCESSING AND TRADE (APPLY TO	
PRODUCTION OR PROTECTION FOREST MANAGER) (IF ANY)	
VI. CAPITAL DEMAND AND INVESTMENT CAPITAL	
VII. IMPLEMENTATION SOLUTIONSVIII. ASSESSING THE EFFICIENCY OF THE PLAN	
CHAPTER 4: ORGANIZING FOR IMPLEMENTATION	
I. TASK ASSIGNMENT	_
II. PLAN OF INSPECTION AND SUPERVISION	40 ∕/Ω
III. CONCLUSION AND RECOMMENDATION	
PART 2: SYSTEM OF APPENDIX, TABLES, MAP ATTACHED TO SUSTAINABL	
FOREST MANAGEMENT PLAN	 49
CHAPTER III: GUIDELINES FOR MAPPING	
1. MAP TYPES AND PURPOSE OF USE	
1.1. FOREST COVER MAP	
1.2. LAND USE MAP	
1.3. THEMATIC MAPS	
1.4. HCV MAP	
2. MAPPING METHODOLOGY	
2.1. BUILDING FOREST COVER MAP	52

THE PROJECT ON ENHANCING SUSTAINABLE NATURAL RESOURCES MANAGEMENT



2.2. BUILDING LAND USE MAP	55
2.3. BUILDING OTHER THEMATIC MAPS (FORES	
ECO-TOURISM INFRASTRUCTURE MAP)	
2.4. BUILDING HCV MAP	
IN CONCLUSION	62



LIST OF TABLES

Table 1: List of documents and maps to collect	5
Table 2: Map scale regulation	6
Table 3. Population and labor of communes in the buffer zone/forest stand	14
of the forest owner	14
Table 4. Statistics on average farming area of households in communes in the buffer zone/forest stand of the forest owner	
Table 5. Statistics of average agricultural and forestry income	15
Table 6. The status of traffic infrastructure works	15
Table 7. PFES area and beneficiaries	16
Table 8. Entities receiving payment from pfes	16
Table 9. Units that rent forest environment for ecotourism business	17
Table 10. The current land use status of the forest owner	18
Table 11. Forest types and area managed by the forest owner	19
Table 12. Forest types and average total volume	21
Table 13. Statistics of ntfps groups	21
Table 14. Statistics on the current state of the forest owner's	23
physical facilities	23
Table 15. Programs and projects implemented by the unit	23
Table 16. List of endangered and rare species of forest plants	25
Table 17. List of endangered and rare species of forest animals	25
Table 18. Situation of violations against forest protection and development	25
in the last 5 years	25
Table 19. Functional sub-zone of special-use forests	27
Table 20. The status of functional sub-zone of protection forests	28
Table 21. Production and business results of the forest owner	29
Table 22. Summary of revenue sources in the last 3 years of the forest owner	30
Table 23. Summary of expenditures in the last 3 years of the forest owner	30
Table 24. Area planning for management and use of land by the forest owner for a period of 10 years	32
Table 25. The transition of functional sub-zone of special-use forests	33
after 10 years	33
Table 26. The transition of functional sub-zone of protection forest to 2030	33



Table 27. The land use plan up to year 10 of the forest owner	34
Table 28. Sample plan for forest protection contract	35
Table 29. Sample plan for development of special-use and protection forests of for	
Table 30. Summary of capital needs for sustainable forest management plan	45
Table 31. Structure of investment capital to implement the sustainable forest management plan	45
Table 32. The phased investment capital to implement Sustainable Forest Manage	
Table 33: Materials Used for Development of Forest Cover Map	52
Table 34: Forest classification as per Circular No. 33 and Decision No. 689	53
Table 35. Key Fields of Attribute Table, Forest Cover Map	54
Table 36: Materials Used for Development of Land Use Map	55
Table 37: Key Fields of Attribute Table, Land Use Map	55
Table 38: Common points between LULC Classification as per	56
Table 39: Materials Used For Development of Thematic Maps	57
Table 40: Key Fields of Attribute Table, thematic map	57
Table 41: Materials Used For Development of HCV Map	59
Table 42: Matrix of Materials and HCVs	60
Table 43: Key Fields of Attribute Table, HCV map	61



LIST OF FIGURES

Figure 1. The sequence of implementation to develop a sustainable forest manage plan	
Figure 02. Overall mapping process	
Figure 03. Forest Cover Map, Xuan Nha SUF Management Board	54
Figure 04: Floral Distribution Map of PF&SUF	58
Management Board of Thuanchau	58
Figure 05. HCV map of Hanung Forestry Company	61



ABREVIATIONS

FP Forest Protection

CITES The Convention on International Trade in Endangered Species of

Wild Fauna and Flora

CoC Chain of Custody

FM Forest Management

HCV High Conservation Value

HCVF High Conservation Value Forest

ITTO International Tropical Timber Organization

IUCN The International Union for Conservation of Nature

NTFPs Non-timber forest products (NTFPs)

GD Government Decree

FFP Forest Fire Prevention

SFM Sustainable Forest Management

RB Vietnam Red Data Book

TCVN Vietnam Standard

PC People's Committee



PREFACE

The Project on Enhancing Sustainable Natural Resource Management Project (hereinafter referred to as the "Project") aims to strengthen the capacity of the central government, the provincial government, and forest owners to promote Sustainable Forest Management (SFM) to comply with national and international standards. The project consists of 2 components, in which Component 1 supports forestry and biodiversity conservation policy, while Component 2 includes activities related to SFM.

The project selects Hoa Binh, Son La, Lao Cai, and Tuyen Quang provinces as the project locations for the implementation of Component 2. Supporting the 4 project provinces in developing and implementing the sustainable forest management plan is one of the contents of the project, in which the organization of training workshops is designed to enhance the capacity of forest owners and stakeholders on the formulation of the SFM Plan. To implement this content, the Project conducts the development of manuals for the formulation of the SFM Plan for two target groups: 1. Organizations and 2. households, individuals and communities. The guiding document is prepared based on the contents of Circular No. 28/2018/TT-BNNPTNT (hereinafter referred to as Circular 28). The guidance document for the development of sustainable forest management plans for organization is arranged in three chapters

- CHAPTER I: THE GENERAL INFORMATION. This chapter provides readers with general information on sustainable forest management and Forest Management Certificate, and an overview of the process of developing a sustainable management plan.
- CHAPTER II: THE DETAILED GUIDELINES FOR FORMULATION A SUSTAINABLE FOREST MANAGEMENT PLAN FOR ORGANIZATION. This chapter focuses on guiding the development of each content of the plan according to the instructions in Appendix II of Circular 28.
- CHAPTER III: THE GUIDELINES FOR MAP BUILDING. This chapter provides technical guidance on the construction of maps with sustainable forest management plans in accordance with Circular 28.



CHAPTER I: THE GENERAL INFORMATION

1. THE CONCEPT OF SUSTAINABLE FOREST MANAGEMENT AND FOREST MANAGEMENT CERTIFICATE

1.1 THE SUSTAINABLE FOREST MANAGEMENT INTRODUCTION

- What is sustainable forest management?

The concept of Sustainable Forest Management (SFM) was developed to deal with the negative impacts (environmental and social) of excessive use of forest resources, the increasing demands of human life on forest products, and require the protection of forest resources for future generations.

Around the world, the following two concepts of Sustainable Forest Management are widely accepted:

- International Tropical Timber Organization (ITTO, 1992): Sustainable Forest management is the process of managing forests to achieve one or more clearly specified objectives of management with regard to the production of a continuous flow of desired forest products and services without undue reduction of its inherent values and future productivity and without undue undesirable effects on the physical and social environment.

The Helsinki Process (The Ministerial Conference on the Protection of Forests in Europe (MCPFE, 1993)) The stewardship and use of forest lands in a way and at a rate that maintains their productivity, biodiversity, productivity, regeneration capacity, vitality and their potential to fulfil now and in the future relevant ecological, economic and social functions at local, national and global levels and that does not cause damage to other ecosystems.

In Vietnam, the concept of sustainable forest management is specified in Article 2, Forest Law 2017: Sustainable Forest Management is a method of forest governance that ensures the achievement of forest protection and development goals, does not degrade forest values, and enhance forest values, improves livelihoods, protect the environment, contribute to maintaining national defense and security.

So:

- Sustainable forest management has become a principle in forest business management as well as a standard that forest business management needs to achieve.
- Sustainable forest management is therefore not only a need but also an objective global trend for long-term forest management according to international standard forest management systems.

- Why is sustainable forest management?

Features of forest ecosystems and forestry	Legal, social and market requirements
 Multi-valued forest ecosystems (providing, regulating, cultural and supporting). Complex characteristics of the forest 	- Implement international commitments and conventions that Vietnam participates in (ILO, CBD, CITES, RAMSAR, VPA FLEGT, etc.).
ecosystem (structure, factors that interact and depend on each other, change over time).	 - Law on Forestry 2017. - Forest business in the direction of multi- objectives (economic, social,