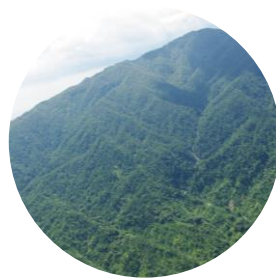




Forest Stewardship Council®



# FSC Interim Forest Stewardship Standard for Jamaica

*FSC-STD-JAM-01-2024 EN*



**Photo credit**

From left to right:




Photo 1: Aerial view of a section of Dolphin Head Forest Reserve, ©Forestry Department, Jamaica.

Photo 2: A Blue Mahoe Tree, ©Forestry Department, Jamaica.

Photo 3: A section of the Blue Mountain Forest Reserve, ©Forestry Department, Jamaica.

**NOTE ON THIS ENGLISH VERSION:**

*This is the official version of the Forest Stewardship Standard that is approved by FSC International, and it is available at [connect.fsc.org](http://connect.fsc.org). Any translation of this version is not an official translation approved by FSC International. If there is any conflict or inconsistency between the approved English version and any translated version, the English version shall prevail.*

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<sup>1</sup> The transition period is the timeline in which there is a parallel phase-in of the new version and phase-out of the old version of the standard. Six (6) months after the end of the transition period, certificates issued against the old version are considered invalid.

## Foreword

(Informative section)

### 1 The Forest Stewardship Council (FSC)

The Forest Stewardship Council A.C. (FSC) was established in 1993, as a follow-up to the United Nations Conference on Environment and Development (the Earth Summit at Rio de Janeiro, 1992) with the mission to promote environmentally appropriate, socially beneficial, and economically viable management of the world's forests.

FSC provides a system for voluntary accreditation and independent third-party certification. This system allows The Organization to market their products and services as the result of environmentally appropriate, socially beneficial, and economically viable forest management. FSC also sets standards for the development and approval of National Forest Stewardship Standards and Interim Forest Stewardship Standards which are based on the FSC Principles and Criteria. In addition, FSC sets standards for the accreditation of conformity assessment bodies (also known as certification bodies) that certify conformance with FSC's standards.

Environmentally appropriate forest management ensures that the production of timber, non-timber products and ecosystem services maintains the forest's biodiversity, productivity, and ecological processes.

Socially beneficial forest management helps both local people and society at large to enjoy long term benefits and also provides strong incentives to local people to sustain the forest resources and adhere to long-term management plans.

Economically viable forest management means that forest operations are structured and managed so as to be sufficiently profitable, without generating financial profit at the expense of the forest resources, the ecosystem, or affected communities. The tension between the need to generate adequate financial returns and the principles of responsible forest operations can be reduced through efforts to market the full range of forest products and services for their best value.

### 2 The FSC Principles and Criteria

FSC first published the FSC Principles and Criteria in November 1994 as a performance-based, outcome-orientated, worldwide standard. The Principles and Criteria focus on field performance of forest management rather than on the management systems for delivering that field performance.

There is no hierarchy between the Principles or between Criteria. They share equal status, validity and authority, and apply jointly and severally at the level of the individual Management Unit.

The FSC Principles and Criteria together with the international generic indicators (IGI) provide the basis for the development of National Forest Stewardship Standards (NFSS) and Interim Forest Stewardship Standards (IFSS).

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## A Preamble

### A.1 Objective

(Informative section)

The objective of this standard is to provide a set of requirements for:

1. The Organization, to implement responsible forest management within their Management Unit and to demonstrate conformance.
2. FSC-accredited certification bodies (CBs), to determine conformity against this standard as the basis for granting, maintaining or renewing forest management certification.

### A.2 Scope

(Normative section)

This standard shall be applied in the following scope:

<b>Geographic region</b>	Jamaica
<b>Forest types</b>	All forest types
<b>Ownership types</b>	Public and private
<b>Scale and intensity categories</b> (According to section 6 of FSC-STD-60-002)	All categories of Management Units, including provisions for small or low intensity managed forests (SLIMFs) <i>(See section A.4 for the applicable SLIMF eligibility criteria for this country)</i>
<b>Forest products</b> (According to FSC-STD-40-004a)	Rough wood NTFPs: Bamboo

### A.3 Responsibility for Conformance

(Normative section)

The requirements in this standard cover all of The Organization's management activities that are related to the Management Unit, whether within the Management Unit or outside; whether directly undertaken or contracted out.

In terms of geographical space, the requirements in this standard apply generally to the entire geographic space inside the boundary of the Management Unit which is being submitted for (re)certification. However, some of the Criteria and indicators apply beyond the boundary of the Management Unit. This would include those infrastructural facilities that are part of the Management Unit, as defined by the FSC Principles and Criteria.

Forest Stewardship Standards are to be used in conjunction with international, national and local laws and regulations.

Where there might be situations of conflict between the requirements in this standard and laws, specific FSC procedures will apply.

Responsibility for ensuring conformance with the requirements in this standard lies with the person(s) or entities that is/are the certificate applicant or holder. For the purpose of FSC certification these persons or entities are referred to as 'The Organization'.

The Organization is responsible for decisions, policies and management activities related to the Management Unit.

The Organization is also responsible for demonstrating that other persons or entities that are permitted or contracted by The Organization to operate in, or for the benefit of the Management Unit, conform with the requirements in this standard.

The Organization is required to take corrective actions in the event of such persons or entities not being in conformance with the requirements in this standard.

#### **A.4 Note on the use of indicators and other elements in the standard**

(Normative section)

Normative elements in the standard are:

Scope, effective date, validity period, Glossary of Terms, Principles, Criteria, indicators, tables and Annexes, unless indicated otherwise.

Note: With regard to the auditing of Annexes, when an indicator refers to an Annex, the conformity assessment shall cover both the indicator and the corresponding requirements in the Annex, unless the Annex is explicitly categorised as ‘informative’.

Sub-indicators in an Annex contribute to the conformity assessment at the level of criterion in the same way as sub-indicators listed in an indicator within the main body of the standard.

Non-normative elements in the standard that can be used for guidance only are:

Verifiers and notes, which are attached to some of the indicators.

In the case of IFSS for Jamaica there are no Verifiers or Notes attached to indicators.

Auditors may use other means for verification where appropriate. Forest Managers may also use verifiers as a guide to what may be required to demonstrate conformity.

Normative elements that have been greyed out are not applicable in the country, but are kept in the standard for transparency.

<b>SLIMF eligibility criteria</b>	<b>National threshold</b>
Small Management Units	Up to 100 hectares
Low intensity Management Units	The rate of harvesting is less than 20% of the mean annual increment (MAI) within the total production forest area of the unit, AND EITHER the annual harvest from the total production forest area is less than 5000 cubic meters, OR the <i>average</i> annual harvest from the total production forest is less than 5000 m <sup>3</sup> / year during the period of validity of the certificate as verified by harvest reports and surveillance audits.

Organizations managing Management Units qualifying as SLIMF (small or low-intensity managed forest(s)) shall conform with all indicators in the standard. Where specific SLIMF indicators exist (marked as e.g. “SLIMF 3.5.1”), these Organizations shall conform with them instead.

Organizations including NTFPs in their certification scope shall conform with all indicators in the standard. Where specific NTFP indicators exist (marked as e.g. “NTFP 3.5.1”), these Organizations shall conform with them in addition.

#### **Verbal forms for the expression of provisions**

[Adapted from *ISO/IEC Directives Part 2: Rules for the structure and drafting of International Standards*]

“shall”: indicates requirements strictly to be followed in order to conform with the standard; ‘shall not’ indicates a prohibition.

“should”: indicates that among several possibilities one is recommended as particularly suitable, without mentioning or excluding others, or that a certain course of action is preferred but not necessarily re-quired. The Organization can meet these requirements in an equivalent way provided this can be demonstrated and justified.

“may”: indicates a course of action permissible within the limits of the standard; ‘need not’ indicates that a specified course of action is not a requirement.

“can”: is used for statements of possibility and capability, whether mate-rial, physical or causal.

The text of the Principles and the Criteria under section F contain terms that are formatted in italics and marked with an *asterisk*\*. These terms are defined in the annex of Glossary of terms. The terms that have been marked with an *asterisk*\* and formatted in italics in the indicators’ text, are local terms which have been added to apply to the local circumstances for this standard only. These local terms are defined in the annex of Glossary of terms.

This document is subject to the review and revision cycle as described in FSC-PRO-60-007 EN *Structure, Content and Development of Interim National Standards*.

### **A.5 Interpretations and Disputes**

(Normative section)

Interpretation requests regarding Interim Forest Stewardship Standards are submitted directly to FSC for processing and approval. Approved interpretations are published in the international FSC website (see: INT-STD-60-006\_01).

Disputes between stakeholders concerning certification requirements are managed by FSC dispute resolution procedure (see: FSC-PRO-01-008).



## **B Context**

### **B.1 General description of the forestry sector<sup>2</sup>**

(Informative section)

Jamaica is known as the land of wood and water, derived from the (earliest indigenous inhabitants of Jamaica) word “Xaymaca”.<sup>3</sup> The country is located about 145 km south of Cuba, with an area of 10,991 km<sup>2</sup> and a population of approximately 2.7 million. The capital city is Kingston. The country has several rugged mountain ranges, with the highest point, the Blue Mountain Peak, rising over 2,256 m. More than 120 rivers flow from the mountains to the coast. Approximately 60% of the island’s bedrock is white limestone, 25% is volcanic and cretaceous, 10% is covered by alluvial depositions, and 5% is yellow limestone. The island is divided into three counties, and further subdivided into fourteen parishes. Eleven of the parish capitals are located along the coast and represent the main population centers.

In Jamaica, the climate is tropical and hot all year round, with little difference between winter and summer. Even in winter, daytime temperatures are around 27/30°C and night-time temperatures are around 20/23°C. The southern coast, where Kingston is located, is slightly warmer in the winter months - the maximum temperature around 30°C even in January. The main differences between the seasons derive from variations in rainfall and air humidity: the rainy season, from late April to October, is largely hot and muggy, and rainfall occurs mainly in the form of thunderstorms in the late afternoons.

The rain pattern is due to the north-east trade winds, which are typical of the Tropics, and blow from November to March. Along the northern coast of Jamaica, rainfall ranges between 1,200 and 1,800 millimeters per year. The southern coasts and plains are not as rainy as the northern slopes because they are sheltered from the trade winds, either by the Blue Mountains or by the hills of the west-central part of the country. These elevations receive a lot of rainfall and are covered with forests (especially the Blue Mountains in the east and the southern part of the Trelawny Parish in the west). Therefore, the capital, Kingston, is not very rainy - it receives about 800 mm (31.5 in) of rain per year, approximately the same as the Pedro Plains in the west.

The passage of the Forest Law in 1937 led to the creation of the Forest Branch in the Lands Department. In 1942, the Branch evolved into the Forest Division, which was then a part of the Ministry of Agriculture. While several pine reforestation projects were undertaken Hurricane Gilbert destroyed most of the mature and immature pine plantations in 1988, resulting in the temporary abandonment of reforestation efforts. In 1996, with the passage of the Forest Act, the Forestry Department (FD) was created with an emphasis on reforestation, conservation, and greater community participation. In 2010, the FD became an Executive Agency.

The policies and multilateral agreements for which the Jamaican forestry sector plays a significant role include, among others:

- Forest Policy for Jamaica (2016);
- Climate Change Policy Framework for Jamaica (2015);
- Vision 2030 Jamaica;
- Sustainable Development Goals (SDG);
- United Nations Forum on Forests (UNFF);
- United Nations Framework Convention on Climate Change (UNFCCC);

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<sup>2</sup> Most of the information comes from the “National Forest Management and Conservation Plan 2016-2026” (version from September 2017), unless otherwise noted.

<sup>3</sup> Forest Policy for Jamaica, November 2016.

- United Nations Convention on Biological Diversity (UNCBD);
- United Nations Ramsar Convention; and
- UNESCO World Heritage Sites.

According to the Food and Agriculture Organization's Global Forest Resources Assessment 2020, Jamaica has around 597,000 ha of forested land, constituting 54% of the total land area - almost all of which is primary forest or naturally regenerated forest. The annual rate of net forest loss increased from 3,700 ha per year in the decade 2000-2010 to 3,800 ha per year in 2010-2020.

Among the main factors that have contributed to the degradation/decline of Jamaica's forest cover are the conversion of forest cover for mining and quarrying purposes; bushfires, which are often used to clear land for agricultural activities; natural disasters, such as hurricanes; unauthorised occupation of land; illegal felling of trees on state-owned land; selective removal of valuable biodiversity, including endemic trees; illegal waste disposal; and insufficient monitoring of some forested areas, particularly mangroves.

The type of forest in Jamaica per hectare varies depending on the location and environmental conditions. However, according to the FAO, the main forest type is tropical moist forest, which covers approximately 69% of the forested area of the country. The remaining forested area is primarily composed of dry forest (17%) and wetland forest (10%). The remaining 4% of the forested area is classified as other forest types, including mangroves, plantations, and mixed forest.

The Forestry Department is the State Agency with the mandate to manage forests in Jamaica. About 36% of the total forest cover is under some type of protection, and the rest is unprotected. The Forestry Department has managerial responsibility and jurisdiction over 33% of the areas which have forest cover within Jamaica; the rest is managed by private landowners, and the Forestry Department has limited jurisdiction over those privately held land with forest cover.<sup>4</sup>

Jamaica has several national protected areas that are managed by the government and conservation organizations to protect the country's natural resources and biodiversity. According to the International Union for Conservation of Nature (IUCN), as of 2021, Jamaica has 13 protected areas that are designated as national parks, forest reserves, or protected areas. These protected areas cover a total land area of approximately 372,000 ha, which represents about 6.1% of the country's total land area.

Jamaica is a party to the Convention on Biological Diversity (CBD), which is geared towards conserving and promoting the sustainable use of biological diversity and ensuring the fair and equitable benefit sharing of the benefits of these natural resources. Jamaica is rated fifth among the islands of the world in terms of endemic plants, and its forests are important repositories of this biological diversity. Jamaica's National Biodiversity Strategy and Action Plan (2003) indicates that at "least 3,304 species of plants occur in Jamaica" of which 923 (27.9%) are endemic.<sup>5</sup>

### **Production of Bamboo in Jamaica**

Bamboo, first introduced to Jamaica in the 18<sup>th</sup> century, can be found growing wild in the forest and is becoming an important non-timber forest product; moreover, some

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<sup>4</sup> <https://www.fao.org/3/XII/0536-C2.htm>

<sup>5</sup> Forest Policy for Jamaica, November 2016.

private landowners have established bamboo plantations. The most common bamboo species growing in Jamaica is *Bambusa vulgaris*.

In recent years, Jamaica has leveraged global partnerships to diversify its agro-industry and exercised its leadership to cultivating resilience while also building a more global market presence. Jamaica's Prime Minister Andrew Holness, believes the project is a step in the right direction towards greater growth opportunities for the Jamaican people. The project is projected to create up to 5,500 jobs and earn \$1.5 billion in revenues within its first 10 years.

A key driver for the decision to diversify Jamaica's agro-industry has been recent foreign investments in sustainable bamboo fiber production, as well as the need to diversifying Jamaica's tourism-dependent economy, which suffered significant losses during the global pandemic. This investment includes the development of a new kraft pulp mill with capacity to produce 250,000 metric tons of bamboo pulp annually. The mill will be supplied by an estimated 25,000 acres of plantations established on existing agricultural lands.

Introducing a new bamboo industry allows us to build on centuries of agricultural expertise, and to maximize the earning potential of existing resources. A shift [from sugar cane] to bamboo would see us re-purposing our sugarcane lands to grow alternative crops with major international demand. This is an excellent example of a revenue solution that builds value, is environmentally responsible, and immediately creates much-needed jobs. There is also an added capacity for spawning additional industries from its byproducts, so that Jamaica may realize the benefits of long-term industry expansion."<sup>6</sup>

### **Production of Timber in Jamaica<sup>7</sup>**

The incomplete nature of the data available at the lumberyard level, the limitations to the data collection, and the fact that not all lumber yards were included in the survey makes it impossible to develop national level projections for quantities sold/harvested based on the collected data.

No national statistics exist on the extent of the domestic production of timber. The Jamaican estimated production of timber in 1997 was reported to be 61,700 m<sup>3</sup> hardwood and 3,140 m<sup>3</sup> softwood, in addition to 150,000 m<sup>3</sup> small-dimensioned hardwoods harvested for yam sticks (FAO, 2000). At the same time, the population of Jamaica has increased by approximately 0.4 million people (15%) from 1997 to 2020 (from 2.584 million to 2.961 million) (World Bank, 2021). Assuming a proportional 15% increase in domestic timber production and unchanged figures for the yam stick production, the projected estimates for the 2020 annual production of hardwood timber was 70,700 m<sup>3</sup> (app. 1/3 timber and 2/3 yam sticks). The potential softwood timber was 3,600 m<sup>3</sup>. Due to a logging moratorium, the softwood production in 2020 is adjusted to 0 m<sup>3</sup> in the estimates in the table below, as almost all plantations of Caribbean pine are under Forestry Department management.

Imports come in addition to the above estimates for the production of wood. Imports consist mostly of softwood lumber for construction purposes: 9,300 m<sup>3</sup> roundwood and 173,500 m<sup>3</sup> processed products for construction (sawn wood, boards and plywood) (FAO, 2021). Assuming a recovery factor of 50% for the processed wood, this corresponds to a total timber equivalent of imported wood of 366,000 m<sup>3</sup> (340,000

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<sup>6</sup> <https://www.forbes.com/sites/daphneewingchow/2021/03/31/how-jamaica-is-rebuilding-its-economy-using-sustainable-bamboo/?sh=3838de7bbd08>

<sup>7</sup> Provided by M.S. Dalsgaard, author of this section in an unpublished NIRAS report: Market Study – Timber and Non-Timber Forest Products in Jamaica.

m<sup>3</sup> coniferous and 26,000 m<sup>3</sup> non coniferous). The figures are summarized in the table below.

**Estimates of Jamaican timber consumption**

	Domestic timber production (2020 estimate)		Imports roundwood, lumber + boards (2019 figures - Timber equivalents)		Total m <sup>3</sup>
	m <sup>3</sup>	% of consumption	m <sup>3</sup>	% of consumption	
Hardwood (m <sup>3</sup> /year)	70,700	73	26,000	27	96,700
Softwood (m <sup>3</sup> /year)	0	0	340,000	100	343,600
Hardwood / non-coniferous	0.075 m <sup>3</sup> /capita/year		0.009 m <sup>3</sup> /capita/year		0.084 m <sup>3</sup> /capita/year
Softwood / coniferous	0.0 m <sup>3</sup> /capita/year		0.114 m <sup>3</sup> /capita/year		0.114 m <sup>3</sup> /capita/year

**NB: The figures in the table do not include charcoal, fibers, paper, cardboard, imported furniture, imported joinery, etc.**

The main characteristic of the Jamaican timber market is that most (all) of the domestic demand for softwood timber and construction materials is met by imports. The opposite is the case for hardwoods - - about three-quarters of the demand is met by domestically produced wood. Exports of Jamaican timber and/or lumber are very limited. Obstacles to accessing the export market are due to a lack of timber tracing, lack of certification for sustainable production and chain of custody, and lack of equipment and infrastructure for harvesting timber and processing it into quality lumber.

No breakdown by species of the above production estimates is possible based on the figures from the quantitative survey. The prices at lumber yards give an indication of the most valued species, including (in descending order): Teak (average 593 JMD/Bf), Jamaican mahogany (average 327 JMD/ Bf) and Honduran mahogany (291 JMD/Bf).

## **B.2 Background information on the standard development**

(Informative section)

This standard was developed according to the rules and regulations laid out in FSC-PRO-60-007 V1-2, in the period between November 2021 and March 2022. One stakeholder consultation was conducted from 14 January 2022 until 13 February 2022.

**Note:** If required, further information on the process is available from PSU upon request.

## C References

(Informative section)

The following referenced documents are relevant for the application of this standard. For references without a version number, the latest edition of the referenced document (including any amendments) applies.

FSC-POL-20-003	<i>FSC Policy on the Excision of Areas from the Scope of Certification</i>
FSC-POL-30-001	<i>FSC Pesticides Policy</i>
FSC-POL-30-602	<i>FSC Interpretation on GMOs: Genetically Modified Organisms</i>
FSC-STD-20-007	<i>Forest Management Evaluations</i>
FSC-STD-30-005	<i>FSC Standard for Group Entities in Forest Management Groups</i>
FSC-PRO-01-008	<i>Processing Complaints in the FSC Certification Scheme</i>
FSC-PRO-30-006	<i>Ecosystem Services Procedure: Impact Demonstration and Market Tools</i>
FSC-DIR-20-007	<i>FSC Directive on FSC Forest Management Evaluations</i>
FSC-GUI-30-003	<i>FSC Guidelines for the implementation of the right to Free, Prior and Informed Consent (FPIC)</i>
FSC-GUI-60-005	<i>Promoting Gender Equality in National Forest Stewardship Standards</i>
FSC-POL-30-001	<i>FSC Pesticides Policy</i>
FSC-STD-01-003	<i>SLIMF Eligibility Criteria</i>
FSC-STD-60-002	<i>Structure and Content of National Forest Stewardship Standards</i>
FSC-STD-60-004	<i>International Generic Indicators (IGI)</i>
FSC-PRO-60-007	<i>Structure, Content and Development of Interim National Standards</i>
FSC-DIR-20-007	<i>FSC Directive on FSC Forest Management Evaluations</i>
FSC-GUI-60-002	<i>Guideline for Standard Developers for addressing risk of unacceptable activities in regard to scale and intensity</i>
FSC-GUI-60-005	<i>Promoting Gender Equality in National Forest Stewardship Standards</i>
FSC-GUI-60-009	<i>Guidance for Standard Development Groups: Developing National High Conservation Value Framework</i>
FSC-GUI-60-009a	<i>Template for National High Conservation Value Frameworks</i>

**Note:** When applying this standard, consider relevant interpretations by inquiring with local FSC representatives (e.g. National Offices or representatives, or FSC's Performance and Standards Unit, if no national FSC presence exists), or your certification body. International interpretations are available through the FSC Document Centre (<https://fsc.org/en/document-centre>).

## **D List of abbreviations**

(Informative section)

ASI	Assurance Services International
AZE	Alliance for Zero Extinction
BAI	Best Available Information
BIAJ	Bamboo Industry Association of Jamaica
BIMPSTC	Bamboo and Indigenous Material Product Standards Technical Committee
BSJ	Bureau of Standards Jamaica
CANARI	Caribbean Natural Resources Institute
CB	Certification Body
CBD	Convention on Biological Diversity
CITES	Convention on International Trade in Endangered Species of Wild Fauna and Flora
EIA	Environmental Impact Assessment
FAO	Food and Agriculture Organization
FD	Forestry Department
FPIC	Free, Prior, and Informed Consent
FSC	Forest Stewardship Council
GFSS	Generic Forest Stewardship Standards
GMO	Genetically Modified Organism
HCV	High Conservation Value
ILO	International Labour Organisation
IFSS	Interim Forest Stewardship Standards
IUCN	International Union for Conservation of Nature
JNHT	Jamaica National Heritage Trust
LFMCs	Local Forest Management Committees
MAI	Mean Annual Increment
NEGAR	National Ecological Gap Assessment Report
NEPA	National Environment & Planning Agency
NFMCP	National Forest Management and Conservation Plan
NFSS	National Forest Stewardship Standards
NTFP	Non-timber forest product
SDG	Sustainable Development Goals
SLIMF	Small or Low Intensity Managed Forest
UNFCCC	United Nations Framework Convention on Climate Change
UNFF	United Nations Forum on Forests
UWI	University of the West Indies, Mona

## **E Version history**

(Informative section)

V1-0: Initial version

## **F Principles\*, criteria\* and indicators\***

### **PRINCIPLE\* 1: COMPLIANCE WITH LAWS**

**The Organization\*** shall comply with all *applicable laws\**, regulations and *nationally-ratified\** international treaties, conventions and agreements.

**1.1 The Organization\*** shall be a legally defined entity with clear, documented and unchallenged *legal registration\**, with written authorization from the *legally competent\** authority for specific activities.

1.1.1 Legal registration to carry out all activities within the scope of the certificate is documented and unchallenged.

1.1.2 Legal registration is granted by a legally competent authority according to legally prescribed processes.

**1.2 The Organization\*** shall demonstrate that the *legal\** status of the *Management Unit\**, including *tenure\** and *use rights\**, and its boundaries, are clearly defined.

1.2.1 Legal tenure to manage and use resources within the scope of the certificate is documented.

NTFP 1.2.1 Legal tenure to manage and use resources including harvesting and processing of bamboo within the scope of the certificate is documented.

1.2.2 Legal tenure is granted by a legally competent authority according to legally prescribed processes.

1.2.3 The boundaries of all Management Units within the scope of the certificate are clearly marked or documented and clearly shown on maps.

**1.3 The Organization\*** shall have *legal\** rights to operate in the *Management Unit\**, which fit the *legal\** status of *The Organization\** and of the *Management Unit\**, and shall comply with the associated *legal\** obligations in *applicable national* and *local laws\** and regulations and administrative requirements. The *legal\** rights shall provide for harvest of products and/or supply of *ecosystem services\** from within the *Management Unit\**. *The Organization\** shall pay the legally prescribed charges associated with such rights and obligations.

1.3.1 All activities undertaken in the Management Unit are carried out in compliance with:

- 1) Applicable laws and regulations and administrative requirements,
- 2) Legal and customary rights; and
- 3) Obligatory codes of practice.



- NTPF 1.3.1 All activities, including harvesting and processing of bamboo, undertaken in the Management Unit are carried out in compliance with:
- 1) Applicable laws and regulations and administrative requirements,
  - 2) Legal and customary rights; and
  - 3) Obligatory codes of practice.
- 1.3.2 Payment is made in a timely manner of all applicable legally prescribed charges connected with forest management.
- 1.3.3 Activities covered by the management plan are designed to comply with all applicable laws.
- 1.4 *The Organization\* shall develop and implement measures, and/or shall engage with regulatory agencies, to systematically protect the Management Unit\* from unauthorized or illegal resource use, settlement and other illegal activities.***
- 1.4.1 Measures are implemented to provide protection from unauthorized or illegal harvesting, hunting, fishing, trapping, collecting, settlement, mining, and other unauthorized activities.
- 1.4.2 Where protection is the legal responsibility of regulatory bodies, a system is implemented to work with these regulatory bodies to identify, report, control and discourage unauthorized or illegal activities.
- 1.4.3 If illegal or unauthorized activities are detected, measures are implemented to address them.
- 1.5 *The Organization\* shall comply with the applicable national laws\*, local laws, ratified\* international conventions and obligatory codes of practice\*, relating to the transportation and trade of forest products within and from the Management Unit\*, and/or up to the point of first sale.***
- 1.5.1 Compliance with applicable national laws, local laws, ratified international conventions and obligatory codes of practice relating to the transportation and trade of forest products up to the point of first sale is demonstrated.
- 1.5.2 Compliance with CITES provisions is demonstrated, including through possession of certificates for harvest and trade in any CITES species.
- 1.6 *The Organization\* shall identify, prevent and resolve disputes\* over issues of statutory or customary law\*, which can be settled out of court in a timely manner\*, through engagement\* with affected stakeholders\*.***
- 1.6.1 A publicly available dispute resolution process is in place; developed through culturally appropriate engagement with affected stakeholders.
- 1.6.2 Disputes related to issues of applicable laws or customary law that can be settled out of court are responded to in a timely manner, and are either resolved or are in the dispute resolution process.

- 1.6.3 Up to date records of disputes related to issues of applicable laws or customary law, are held including:
- 1) Steps taken to resolve disputes;
  - 2) Outcomes of all dispute resolution processes; and
  - 3) Unresolved disputes, the reasons they are not resolved, and how they will be resolved.
- 1.6.4 Operations cease in areas where disputes exist:
- 1) Of substantial magnitude; or
  - 2) Of substantial duration; or
  - 3) Involving a significant number of interests.

**1.7 *The Organization\** shall publicize a commitment not to offer or receive bribes in money or any other form of corruption, and shall comply with anti-corruption legislation where this exists. In the absence of anti-corruption legislation, *The Organization\** shall implement other anti-corruption measures proportionate to the *scale\** and *intensity\** of management activities and the *risk\** of corruption.**

- 1.7.1 A written policy is implemented that includes a commitment not to offer or receive bribes of any description.

SLIMF 1.7.1 A written or verbal declaration not to give or receive bribes (money) or to engage in other forms of corruption is communicated to neighbours and customers.

- 1.7.2 The policy meets or exceeds related legislation.

- 1.7.3 The policy is publicly available at no cost.

- 1.7.4 Bribery, coercion and other acts of corruption do not occur.

- 1.7.5 Corrective measures are implemented if corruption does occur.

**1.8 *The Organization\** shall demonstrate a *long-term\** commitment to adhere to the FSC *Principles\** and *Criteria\** in the *Management Unit\**, and to related FSC *Policies and Standards*. A statement of this commitment shall be contained in a *publicly available\** document made freely available.**

- 1.8.1 A written policy, endorsed by an individual with authority to implement the policy, includes a long-term commitment to forest management practices consistent with FSC Principles and Criteria and related Policies and Standards.

- 1.8.2 The policy is publicly available at no cost.

## **PRINCIPLE\* 2: WORKERS\* RIGHTS AND EMPLOYMENT CONDITIONS**

***The Organization\**** shall maintain or enhance the social and economic wellbeing of ***workers\****.

**2.1** ***The Organization\**** shall ***uphold\**** the principles and rights at work as defined in the ***ILO Declaration on Fundamental Principles and Rights at Work\**** (1998) based on the eight ***ILO Core Labour Conventions\****.

2.1.1 The Organization shall not use child labour.

2.1.1.1 The Organization shall not employ workers below the age of 15, or below the minimum age as stated under national, or local laws or regulations, whichever age is higher, except as specified in 2.1.1.2.

2.1.1.2 In countries where the national law or regulations permit the employment of persons between the ages of 13 to 15 years in light work such employment should not interfere with schooling nor, be harmful to their health or development. Notably, where children are subject to compulsory education laws, they shall work only outside of school hours during normal day-time working hours.

2.1.1.3 No person under the age of 18 is employed in hazardous or heavy work except for the purpose of training within approved national laws and regulation.

2.1.1.4 The Organization shall prohibit worst forms of child labour.

2.1.2 The Organization shall eliminate all forms of forced and compulsory labour.

2.1.2.1 Employment relationships are voluntary and based on mutual consent, without threat of a penalty.

2.1.2.2 There is no evidence of any practices indicative of forced or compulsory labour, including, but not limited to, the following:

- 1) Physical and sexual violence
- 2) Bonded labour
- 3) Withholding of wages /including payment of employment fees and or payment of deposit to commence employment
- 4) Restriction of mobility/movement
- 5) Retention of passport and identity documents
- 6) Threats of denunciation to the authorities.

2.1.3 The Organization shall ensure that there is no discrimination in employment and occupation.

2.1.3.1 Employment and occupation practices are non-discriminatory.

2.1.4 The Organization shall respect freedom of association and the right to collective bargaining.

2.1.4.1 Workers are able to establish or join worker organizations of their own choosing.

2.1.4.2 The Organization respects the rights of workers to engage in lawful activities related to forming, joining or assisting a workers' organization, or to refrain from doing the same; and will not discriminate or punish workers for exercising these rights.

2.1.4.3 The Organization negotiates with lawfully established workers' organizations and/ or duly selected representatives in good faith and with the best efforts to reach a collective bargaining agreement.

2.1.4.4 Collective bargaining agreements are implemented where they exist.

**2.2 *The Organization\* shall promote gender equality\* in employment practices, training opportunities, awarding of contracts, processes of engagement\* and management activities.***

2.2.1 Systems are implemented that promote gender equality and prevent gender discrimination in employment practices, training opportunities, awarding of contracts, processes of engagement and management activities.

2.2.2 Job opportunities are open to both women and men under the same conditions, and women are encouraged to participate actively in all levels of employment.

2.2.3 Work typically carried out by women (nurseries, silviculture, Non Timber Forest Product harvesting, weighing, packing, etc.) is included in training and health and safety programs to the same extent as work typically carried out by men.

2.2.4 Women and men are paid the same wage when they do the same work.

2.2.5 Women are paid directly and using mutually agreed methods (e.g. direct bank transfer, direct payment for school fees, etc.), to ensure they safely receive and retain their wages.

2.2.6 Maternity leave is no less than a six-week period after childbirth.

2.2.7 Paternity leave is available and there is no penalty for taking it.

2.2.8 Meetings, management committees and decision-making forums are organized to include women and men, and to facilitate the active participation of both.

2.2.9 Confidential and effective mechanisms exist for reporting and eliminating cases of sexual harassment and discrimination based on gender, marital status, parenthood or sexual orientation.

**2.3 The Organization\* shall implement health and safety practices to protect workers\* from occupational safety and health hazards. These practices shall, proportionate to scale, intensity and risk\* of management activities, meet or exceed the recommendations of the ILO Code of Practice on Safety and Health in Forestry Work.**

2.3.1 Health and safety practices are developed and implemented that meet or exceed the ILO Code of Practice on Safety and Health in Forestry Work.

SLIMF 2.3.1 Each worker is informed about the health and safety measures corresponding to their activity and these meet or exceed the ILO Code of Practice on Safety and Health in Forestry Work.

NTPF 2.3.1 Health and safety practices are developed and implemented for all workers including workers harvesting and processing bamboo, that meet or exceed the ILO Code of Practice on Safety and Health in Forestry Work.

2.3.2 Workers have personal protective equipment appropriate to their assigned tasks.

2.3.3 Use of personal protective equipment is enforced.

2.3.4 Records are kept on health and safety practices including accident rates and lost time to accidents.

SLIMF 2.3.4 The use of health and safety measures by workers is checked and known.

2.3.5 The frequency and severity of accidents are consistently low compared to national forest industry averages.

SLIMF 2.3.5 Accident level is low compared to national forest industry averages.

2.3.6 The health and safety practices are reviewed and revised as required after major incidents or accidents.

**2.4 The Organization\* shall pay wages that meet or exceed minimum forest\* industry standards or other recognized forest\* industry wage agreements or living wages\*, where these are higher than the legal\* minimum wages. When none of these exist, The Organization\* shall through engagement\* with workers\* develop mechanisms for determining living wages\*.**

2.4.1 Wages paid by The Organization in all circumstances meet or exceed legal minimum wage rates, where such rates exist.

2.4.2 Wages paid meet or exceed:

- 1) Minimum forest industry standards; or
- 2) Other recognized forest industry wage agreements; or
- 3) Living wages that are higher than legal minimum wages.

2.4.3 When no minimum wage levels exist, wages are established through culturally appropriate engagement with workers and/or formal and informal workers organizations.

2.4.4 Wages, salaries and contracts are paid on time.

**2.5 *The Organization\** shall demonstrate that *workers\** have job-specific training and supervision to safely and effectively implement the *Management Plan\** and all management activities.**

2.5.1 Workers have job specific training consistent with Annex B and supervision to safely and effectively contribute to the implementation of the management plan and all management activities.

NTPF 2.5.1 Workers, including workers harvesting and processing bamboo, have job specific training consistent with Annex B and supervision to safely and effectively contribute to the implementation of the management plan and all management activities.

2.5.2 Up to date training records are kept for all relevant workers.

**2.6 *The Organization\** through *engagement\** with *workers\** shall have mechanisms for resolving grievances and for providing *fair compensation\** to *workers\** for loss or damage to property, *occupational diseases\**, or *occupational injuries\** sustained while working for *The Organization\**.**

2.6.1 A dispute resolution process is in place, developed through culturally appropriate engagement with workers.

2.6.2 Workers grievances are identified and responded to and are either resolved or are in the dispute resolution process.

2.6.3 Up-to-date records of workers grievances related to workers loss or damage of property, occupational diseases or injuries are maintained including:

- 1) Steps taken to resolve grievances;
- 2) Outcomes of all dispute resolution processes including fair compensation; and
- 3) Unresolved disputes, the reasons they are not resolved, and how they will be resolved.

2.6.4 Fair compensation is provided to workers for work-related loss or damage of property and occupational disease or injuries.

### **PRINCIPLE\* 3: INDIGENOUS PEOPLES'\* RIGHTS**

**The Organization\* shall identify and uphold\* Indigenous Peoples'\* legal\* and customary rights\* of ownership, use and management of land, territories\* and resources affected by management activities.**

**Note:** The Constitution of Jamaica recognizes all citizens as Jamaicans with equality of rights and opportunities, and there is no formal recognition or legislation that protects specifically, the rights or privileges of Indigenous Peoples.

The Government of Jamaica maintains there are no Indigenous Peoples remaining in Jamaica but acknowledge the historical and cultural impact of the Taino, who were the first people on the island. The contribution of this group has been well documented in history. There have been no discriminatory actions or omissions against groups which declare their indigenous heritage. Jamaica always sought to ensure that the history and culture of all Jamaicans were protected, including the Tainos and Maroons<sup>8</sup>.

Despite the government of Jamaica's position, there are individuals who self-identify as Taino-Arawak and claim Taino-Arawak heritage. It is becoming more broadly accepted that the arrival of Europeans in Jamaica did not result in the complete extirpation of the Taino-Arawak people and that surviving Taino peoples retreated to the remote Blue Mountains in the eastern part of the island and were later joined by escaped west African slaves to form communities that lived in relative isolation. Decedents of these communities maintain cultural heritage and traditions of their ancestors.<sup>9</sup>

Taking into consideration the information provided in the previous paragraphs and following the requirements established by the FSC Principles and Criteria, criterion 3.1 requires the identification of people or communities that self-identify as indigenous either within the Management Unit or outside of it and if these people or communities self-identified as indigenous could be affected by management activities. Once its presence is verified, Criterion 3.1 below requires The Organization to be aware of its rights and obligations within the Management Unit. In cases where the existence of people or communities self-identified as indigenous is verified, as well as their rights and obligations, the remaining criteria and indicators of this Principle become automatically applicable and, therefore, mandatory for The Organization to comply with.

**3.1 The Organization\* shall identify the Indigenous Peoples\* that exist within the Management Unit\* or those that are affected by management activities. The Organization\* shall then, through engagement\* with these Indigenous Peoples\*, identify their rights of tenure\*, their rights of access to and use of forest\* resources and ecosystem services\*, their customary rights\* and legal\* rights and obligations, that apply within the Management Unit\*. The Organization\* shall also identify areas where these rights are contested.**

3.1.1 Indigenous Peoples that may be affected by management activities are identified.

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<sup>8</sup> <https://www.ohchr.org/en/news/2022/11/experts-committee-elimination-racial-discrimination-commend-jamaica-efforts-address#:~:text=The%20Government%20maintained%20there%20were,first%20people%20on%20the%20island.>

<sup>9</sup> <https://jamaicans.com/taino/>, <https://jamaicatimeline.com/people/tainos-tl.html>

3.1.2 Through culturally appropriate engagement with the Indigenous Peoples identified in 3.1.1, the following are documented and/or mapped:

- 1) Their legal and customary rights of tenure;
- 2) Their legal and customary access to, and use rights, of the forest resources and ecosystem services,
- 3) Their legal and customary rights and obligations that apply;
- 4) The evidence supporting these rights and obligations;
- 5) Areas where rights are contested between Indigenous Peoples, governments and/or others;
- 6) Summary of the means by which the legal and customary rights and contested rights, are addressed by The Organization; and
- 7) The aspirations and goals of Indigenous Peoples related to management activities, Intact Forest Landscapes and Indigenous cultural landscapes.

**3.2 *The Organization\* shall recognize and uphold\* the legal\* and customary rights\* of Indigenous Peoples\* to maintain control over management activities within or related to the Management Unit\* to the extent necessary to protect their rights, resources and lands and territories\*. Delegation by Indigenous Peoples\* of control over management activities to third parties requires Free, Prior and Informed Consent\*.***

3.2.1 Through culturally appropriate engagement Indigenous Peoples are informed when, where and how they can comment on and request modification to management activities to the extent necessary to protect their rights, resources, lands and territories.

3.2.2 The legal and customary rights of Indigenous Peoples are not violated by The Organization.

3.2.3 Where evidence exists that legal and customary rights of Indigenous Peoples related to management activities have been violated the situation is corrected, if necessary, through culturally appropriate engagement and/or through the dispute resolution process as required in Criteria 1.6 or 4.6.

3.2.4 Free, Prior and Informed Consent is granted by Indigenous Peoples prior to management activities that affect their identified rights through a process that includes:

- 1) Ensuring Indigenous Peoples know their rights and obligations regarding the resource;
- 2) Informing the Indigenous Peoples of the value of the resource, in economic, social and environmental terms;
- 3) Informing the Indigenous Peoples of their right to withhold or modify consent to the proposed management activities to the extent necessary to protect their rights, resources, lands and territories; and
- 4) Informing the Indigenous Peoples of the current and future planned forest management activities.



- 3.2.5 Where the process of Free Prior and Informed Consent (FPIC) has not yet resulted in an FPIC agreement, the Organization and the affected Indigenous Peoples are engaged in a mutually agreed FPIC process that is advancing, in good faith and with which the community is satisfied.
- 3.3 In the event of delegation of control over management activities, a binding agreement\* between The Organization\* and the Indigenous Peoples\* shall be concluded through Free, Prior and Informed Consent\*. The agreement shall define its duration, provisions for renegotiation, renewal, termination, economic conditions and other terms and conditions. The agreement shall make provision for monitoring by Indigenous Peoples\* of The Organization\*'s compliance with its terms and conditions.**
- 3.3.1 Where control over management activities has been granted through Free Prior and Informed Consent based on culturally appropriate engagement, the binding agreement contains the duration, provisions for renegotiation, renewal, termination, economic conditions and other terms and conditions.
- 3.3.2 Records of binding agreements are maintained.
- 3.3.3 The binding agreement contains the provision for monitoring by Indigenous Peoples of The Organization's compliance with its terms and conditions.
- 3.4 The Organization\* shall recognize and uphold\* the rights, customs and culture of Indigenous Peoples\* as defined in the United Nations Declaration on the Rights of Indigenous Peoples\* (2007) and ILO Convention\* 169 (1989).**
- 3.4.1 The rights, customs and culture of Indigenous Peoples as defined in UNDRIP and ILO Convention 169 are not violated by The Organization.
- 3.4.2 Where evidence that rights, customs and culture of Indigenous Peoples, as defined in UNDRIP and ILO Convention 169, have been violated by The Organization, the situation is documented including steps to restore these rights, customs and culture of Indigenous Peoples, to the satisfaction of the rights holders.
- 3.5 The Organization\*, through engagement\* with Indigenous Peoples\*, shall identify sites which are of special cultural, ecological, economic, religious or spiritual significance and for which these Indigenous Peoples\* hold legal\* or customary rights\*. These sites shall be recognized by The Organization\* and their management, and/or protection\* shall be agreed through engagement\* with these Indigenous Peoples\*.**
- 3.5.1 Sites of special cultural, ecological, economic, religious or spiritual significance for which Indigenous Peoples hold legal or customary rights are identified through culturally appropriate engagement.

3.5.2 Measures to protect such sites are agreed, documented and implemented through culturally appropriate engagement with Indigenous Peoples. When Indigenous Peoples determine that physical identification of sites in documentation or on maps would threaten the value or protection of the sites, then other means will be used.

3.5.3 Wherever sites of special cultural, ecological, economic, religious or spiritual significance are newly observed or discovered, management activities cease immediately in the vicinity until protective measures have been agreed to with the Indigenous Peoples, and as directed by local and national laws.

**3.6 *The Organization\* shall uphold\* the right of Indigenous Peoples\* to protect\* and utilize their Traditional Knowledge\* and shall compensate local communities\* for the utilization of such knowledge and their intellectual property\*. A binding agreement\* as per Criterion\* 3.3 shall be concluded between The Organization\* and the Indigenous Peoples\* for such utilization through Free, Prior and Informed Consent\* before utilization takes place, and shall be consistent with the protection\* of intellectual property\* rights.***

3.6.1 Traditional knowledge and intellectual property are protected and are only used when the acknowledged owners of that traditional knowledge and intellectual property have provided their Free, Prior and Informed Consent formalized through a binding agreement.

3.6.2 Indigenous Peoples are compensated according to the binding agreement reached through Free, Prior and Informed Consent for the use of traditional knowledge and intellectual property.

## **PRINCIPLE\* 4: COMMUNITY RELATIONS**

***The Organization\**** shall contribute to maintaining or enhancing the social and economic wellbeing of ***local communities\****.

**4.1** ***The Organization\**** shall identify the ***local communities\**** that exist within the ***Management Unit\**** and those that are affected by management activities. ***The Organization\**** shall then, through ***engagement\**** with these ***local communities\****, identify their rights of ***tenure\****, their rights of access to and use of ***forest\**** resources and ***ecosystem services\****, their ***customary rights\**** and ***legal\**** rights and obligations, that apply within the ***Management Unit\****.

4.1.1 Local communities that exist in the Management Unit and those that may be affected by management activities are identified.

4.1.2 Through culturally appropriate engagement with the local communities identified in 4.1.1, the following are documented and/or mapped:

- 1) Their legal and customary rights of tenure;
- 2) Their legal and customary access to, and use rights, of the forest resources and ecosystem services;
- 3) Their legal and customary rights and obligations that apply;
- 4) The evidence supporting these rights and obligations;
- 5) Areas where rights are contested between local communities, governments and/or others;
- 6) Summary of the means by which the legal and customary rights, and contested rights are addressed by The Organization; and
- 7) The aspirations and goals of local communities related to management activities.

**4.2** ***The Organization\**** shall recognize and ***uphold\**** the ***legal\**** and ***customary rights\**** of ***local communities\**** to maintain control over management activities within or related to the ***Management Unit\**** to the extent necessary to protect their rights, resources, ***lands and territories\****. Delegation by ***traditional peoples\**** of control over management activities to third parties requires ***Free, Prior and Informed Consent\****.

4.2.1 Through culturally appropriate engagement local communities are informed of when, where and how they can comment on and request modification to management activities to the extent necessary to protect their rights.

4.2.2 The legal and customary rights of local communities to maintain control over management activities are not violated by The Organization.

4.2.3 Where evidence exists that legal and customary rights of local communities related to management activities have been violated the situation is corrected, if necessary, through culturally appropriate engagement and/or through the dispute resolution process in Criteria 1.6 or 4.6.

4.2.4 Free, Prior and Informed Consent is granted by traditional peoples to The Organization, prior to management activities, that affect their identified rights through a process that includes:

- 1) Ensuring traditional peoples know their rights and obligations regarding the resource;
- 2) Informing the traditional peoples of the value of the resource, in economic, social and environmental terms;
- 3) Informing the traditional peoples of their right to withhold or modify consent to the proposed management activities by The Organization, to the extent necessary to protect their rights and resources; and
- 4) Informing the traditional peoples of the current and future planned forest management activities.

4.2.5 Where the process of Free Prior and Informed Consent has not yet resulted in an FPIC agreement, The Organization and the affected traditional peoples are engaged in a mutually agreed FPIC process that is advancing, in good faith and with which the community is satisfied.

**4.3 The Organization\* shall provide reasonable\* opportunities for employment, training and other services to local communities\*, contractors and suppliers proportionate to scale\* and intensity\* of its management activities.**

4.3.1 Reasonable opportunities are communicated and provided to local communities, local contractors and local suppliers for:

- 1) Employment,
- 2) Training, and
- 3) Other services.

SLIMF 4.3.1 Preference is given to local people for employment and services.

**4.4 The Organization\* shall implement additional activities, through engagement\* with local communities\*, that contribute to their social and economic development, proportionate to the scale\*, intensity\* and socio-economic impact of its management activities.**

4.4.1 Opportunities for local social and economic development are identified through culturally appropriate engagement with local communities and other relevant organizations.

SLIMF 4.4.1 Opportunities for local social and economic development are identified and implemented.

4.4.2 Projects and additional activities are implemented and/or supported that contribute to local social and economic benefit and are proportionate to the socio-economic impact of management activities.

SLIMF 4.4.2 When available local products and services are used.

**4.5** *The Organization\**, through *engagement\** with *local communities\**, shall take action to identify, avoid and mitigate *significant\** negative social, environmental and economic impacts of its management activities on affected communities. The action taken shall be proportionate to the *scale, intensity and risk\** of those activities and negative impacts.

4.5.1 Through culturally appropriate engagement with local communities, measures are implemented to identify, avoid and mitigate significant negative social, environmental and economic impacts of management activities.

SLIMF 4.5.1.1 Measures are implemented to avoid and mitigate negative social, environmental and economic impacts of management activities on affected communities.

SLIMF 4.5.1.2 Upon request, these measures are communicated to neighbours and adjacent landowners.

**4.6** *The Organization\**, through *engagement\** with *local communities\**, shall have mechanisms for resolving grievances and providing *fair compensation\** to *local communities\** and individuals with regard to the impacts of management activities of *The Organization\**.

4.6.1 A publicly available dispute resolution process is in place, developed through culturally appropriate engagement with local communities.

4.6.2 Grievances related to the impacts of management activities are responded to in a timely manner, and are either resolved or are in the dispute resolution process.

4.6.3 An up to date record of grievances related to the impacts of management activities is held including:

- 1) Steps taken to resolve grievances;
- 2) Outcomes of all dispute resolution processes including fair compensation to local communities and individuals; and
- 3) Unresolved disputes, the reasons they are not resolved, and how they will be resolved.

4.6.4 Operations cease in areas while disputes exist of:

- 1) Substantial magnitude;
- 2) Substantial duration; or
- 3) Involving a significant number of interests.

**4.7** *The Organization\**, through *engagement\** with *local communities\**, shall identify sites which are of special cultural, ecological, economic, religious or spiritual significance, and for which these *local communities\** hold *legal\** or *customary rights\**. These sites shall be recognized by *The Organization\**, and their management and/or *protection\** shall be agreed through *engagement\** with these *local communities\**.

4.7.1 Sites of special cultural, ecological, economic, religious or spiritual significance for which local communities hold legal or customary rights are identified through culturally appropriate engagement and are recognized by The Organization.

- 4.7.2 Measures to protect such sites are agreed, documented and implemented through culturally appropriate engagement with local communities. When local communities determine that physical identification of sites in documentation or on maps would threaten the value or protection of the sites, then other means will be used.
- 4.7.3 Whenever sites of special cultural, ecological, economic, religious or spiritual significance are newly observed or discovered, management activities cease immediately in the vicinity until protective measures have been agreed to with the local communities, and as directed by local and national laws.
- 4.8 *The Organization\* shall uphold\* the right of traditional peoples\* to protect\* and utilize their traditional knowledge\* and shall compensate them for the utilization of such knowledge and their intellectual property\*. A binding agreement\* as per Criterion\* 3.3 shall be concluded between The Organization\* and the traditional peoples\* for such utilization through Free, Prior and Informed Consent\* before utilization takes place, and shall be consistent with the protection\* of intellectual property\* rights.***
- 4.8.1 Traditional knowledge and intellectual property of traditional peoples are protected and are only used when the owners of that traditional knowledge and intellectual property have provided their Free, Prior and Informed Consent formalized through a binding agreement.
- 4.8.2 Traditional peoples are compensated according to the binding agreement reached through Free, Prior and Informed Consent for the use of traditional knowledge and intellectual property.

## **PRINCIPLE\* 5: BENEFITS FROM THE FOREST\***

**The Organization\* shall efficiently manage the range of multiple products and services of the Management Unit\* to maintain or enhance long-term\* economic viability\* and the range of social and environmental benefits.**

**5.1 The Organization\* shall identify, produce, or enable the production of, diversified benefits and/or products, based on the range of resources and ecosystem services\* existing in the Management Unit\* in order to strengthen and diversify the local economy proportionate to the scale\* and intensity\* of management activities.**

5.1.1 The range of resources and ecosystem services that could strengthen and diversify the local economy are identified.

5.1.2 Consistent with management objectives, the identified benefits and products are produced by The Organization and/or made available for others to produce, to strengthen and diversify the local economy.

5.1.3 When The Organization uses FSC Ecosystem Services Claims, The Organization shall comply with applicable requirements in FSC-PRO-30-006.

**5.2 The Organization\* shall normally harvest products and services from the Management Unit\* at or below a level which can be permanently sustained.**

5.2.1 Timber harvesting levels are based on an analysis of current Best Available Information on growth and yield; inventory of the forest; mortality rates; and maintenance of ecosystem functions. The Forest Regulations approved by the Jamaican Government shall be met.

5.2.2 Based on the timber harvesting level analysis, a maximum allowable annual cut for timber is determined that does not exceed the harvest level that can be permanently sustained including by ensuring that harvest rates do not exceed growth.

5.2.3 Actual annual harvest levels for timber are recorded and the harvest over a defined period does not exceed the allowable cut determined in 5.2.2 for the same defined period.

5.2.4 For extraction of commercially harvested services and bamboo under The Organization's control a sustainable harvest level is calculated and adhered to. Sustainable harvest levels are based on Best Available Information.

**5.3 The Organization\* shall demonstrate that the positive and negative externalities\* of operations are included in the management plan\*.**

5.3.1 Costs related to preventing, mitigating or compensating for negative social and environment impacts of management activities are quantified and documented in the management plan.

5.3.2 Benefits related to positive social and environment impacts of management activities are identified and included in the management plan.

**5.4** *The Organization\** shall use local processing, local services, and local value adding to meet the requirements of *The Organization\** where these are available, proportionate to *scale, intensity and risk\**. If these are not locally available, *The Organization\** shall make *reasonable\** attempts to help establish these services.

5.4.1 Where cost, quality and capacity of non-local and local options are at least equivalent, local goods, services, processing and value-added facilities are used.

5.4.2 Reasonable attempts are made to establish and encourage capacity where local goods, services, processing and value-added facilities are not available.

**5.5** *The Organization\** shall demonstrate through its planning and expenditures proportionate to *scale, intensity and risk\**, its commitment to *long-term\* economic viability\**.

5.5.1 Sufficient funds are allocated to implement the management plan in order to meet this standard and to ensure long-term economic viability.

5.5.2 Expenditures and investments are made to implement the management plan in order to meet this standard and to ensure long-term economic viability.



**PRINCIPLE\* 6: ENVIRONMENTAL VALUES\* AND IMPACTS**

**The Organization\* shall maintain, conserve\* and/or restore\* ecosystem services\* and environmental values\* of the Management Unit\*, and shall avoid, repair or mitigate negative environmental impacts.**

**6.1 The Organization\* shall assess environmental values\* in the Management Unit\* and those values outside the Management Unit\* potentially affected by management activities. This assessment shall be undertaken with a level of detail, scale and frequency that is proportionate to the scale, intensity and risk\* of management activities, and is sufficient for the purpose of deciding the necessary conservation\* measures, and for detecting and monitoring possible negative impacts of those activities.**

6.1.1 Best Available Information is used to identify environmental values within, and, where potentially affected by management activities, outside of the Management Unit.

6.1.2 Assessments of environmental values are conducted with a level of detail and frequency so that:

- 1) Impacts of management activities on the identified environmental values can be assessed as per Criterion 6.2;
- 2) Risks to environmental values can be identified as per Criterion 6.2;
- 3) Necessary conservation measures to protect values can be identified as per Criterion 6.3; and,
- 4) Monitoring of impacts or environmental changes can be conducted as per Principle 8.

SLIMF 6.1.2 Assessments of environmental values are conducted at a level of detail and frequency based on scale, intensity and risk.

**6.2 Prior to the start of site-disturbing activities, The Organization\* shall identify and assess the scale, intensity and risk\* of potential impacts of management activities on the identified environmental values\*.**

6.2.1 An environmental impact assessment identifies potential present and future impacts of management activities on environmental values, from the stand level to the landscape level.

SLIMF 6.2.1 Prior to implementing site-disturbing activities an assessment is conducted to identify possible adverse impacts from planned management activities.

6.2.2 The environmental impact assessment identifies and assesses the impacts of the management activities prior to the start of site-disturbing activities.

**6.3 The Organization\* shall identify and implement effective actions to prevent negative impacts of management activities on the environmental values\*, and to mitigate and repair those that occur, proportionate to the scale, intensity and risk\* of these impacts.**

6.3.1 Management activities are planned and implemented to prevent negative impacts and to protect environmental values.

- 6.3.2 Management activities prevent negative impacts to environmental values.
- 6.3.3 Where negative impacts to environmental values occur, measures are adopted to prevent further damage, and negative impacts are mitigated and/or repaired.
- 6.4 *The Organization\* shall protect rare species\* and threatened species\* and their habitats\* in the Management Unit\* through conservation zones\*, Protection Areas\*, connectivity\* and/or (where necessary) other direct measures for their survival and viability. These measures shall be proportionate to the scale, intensity and risk\* of management activities and to the conservation\* status and ecological requirements of the rare and threatened species\*. The Organization\* shall take into account the geographic range and ecological requirements of rare and threatened species\* beyond the boundary of the Management Unit\*, when determining the measures to be taken inside the Management Unit\*.***
- 6.4.1 Best Available Information is used to identify rare and threatened species, and their habitats, including CITES species (where applicable) and those listed on national, regional and local lists of rare and threatened species that are present or likely to be present within and adjacent to the Management Unit.
- 6.4.2 Potential impacts of management activities on rare and threatened species and their conservation status and habitats are identified and management activities are modified to avoid negative impacts.
- SLIMF 6.4.2 Management activities are designed or modified to avoid negative impacts to rare and threatened species and their habitats.
- 6.4.3 The rare and threatened species and their habitats are protected, including through the provision of conservation zones, Protection Areas, connectivity, and other direct means for their survival and viability, such as species' recovery programs.
- 6.4.4 Hunting, fishing, trapping and collection of rare or threatened species is prevented.
- 6.5 *The Organization\* shall identify and protect\* Representative Sample Areas\* of native ecosystems\* and/or restore\* them to more natural conditions\*. Where Representative Sample Areas\* do not exist or are insufficient, The Organization\* shall restore\* a proportion of the Management Unit\* to more natural conditions\*. The size of the areas and the measures taken for their protection\* or restoration\*, including within plantations, shall be proportionate to the conservation\* status and value of the ecosystems\* at the landscape\* level, and the scale, intensity and risk\* of management activities.***
- 6.5.1 Best Available Information is used to identify native ecosystems that exist, or would exist under natural conditions, within the Management Unit.
- 6.5.2 Representative Sample Areas of native ecosystems are protected, where they exist.

- 6.5.3 Where Representative Sample Areas do not exist, or where existing sample areas inadequately represent native ecosystems, or are otherwise insufficient, a proportion of the Management Unit is restored to more natural conditions.
  - 6.5.4 The size of the Representative Sample Areas and/or restoration areas is proportionate to the conservation status and value of the ecosystems at the landscape level, the size of the Management Unit and the intensity of forest management.
  - 6.5.5 Representative Sample Areas in combination with other components of the conservation areas network comprise more than 10% area of the Management Unit. Consistent with the Conservation Area Network Conceptual Diagram (Annex C), and depending on the size of the Management Unit, intensity of management, and level of protection in the landscape.
- 6.6 *The Organization\** shall effectively maintain the continued existence of naturally occurring *native species\** and *genotypes\**, and prevent losses of *biological diversity\**, especially through *habitat\** management in the *Management Unit\**. *The Organization\** shall demonstrate that effective measures are in place to manage and control hunting, fishing, trapping and collecting.**
- 6.6.1 Management activities maintain the plant communities and habitat features found within native ecosystems in which the Management Unit is located.
  - 6.6.2 Where past management has eliminated plant communities or habitat features, management activities aimed at re-establishing such habitats are implemented.
  - 6.6.3 Management maintains, enhances, or restores habitat features associated with native ecosystems, to support the diversity of naturally occurring species and their genetic diversity.
  - 6.6.4 Effective measures are taken to manage and control hunting, fishing, trapping, mining, and collecting activities to ensure that naturally occurring native species, their diversity within species and their natural distribution are maintained.
  - 6.6.5 Mechanisms for wildlife protection are in place: Applicable national and/or international regulations on protection, hunting and trade in animal species or parts (trophies) shall be known and complied with
  - 6.6.6 An internal regulation banning and punishing the transportation of and trade in bush meat and firearms in the facilities and vehicles of The Organization.
  - 6.6.7 A system of regular and punctual controls to ensure hunting policies are respected is implemented.
  - 6.6.8 Effective mitigation measures are in place to ensure that workers do not increase hunting, trapping or collecting of bush meat or wild fish.

**6.7** *The Organization\* shall protect\* or restore\* natural watercourses, water bodies\*, riparian zones\* and their connectivity\*. The Organization\* shall avoid negative impacts on water quality and quantity and mitigate and remedy those that occur.*

6.7.1 Protection measures are implemented to protect natural watercourses, water bodies, riparian zones and their connectivity, including water quantity and water quality.

6.7.2 Where implemented protection measures do not protect watercourses, water bodies, riparian zones and their connectivity, water quantity or water quality from impacts of forest management, restoration activities are implemented.

6.7.3 Where natural water courses, water bodies, riparian zones and their connectivity, water quantity or water quality have been damaged by past activities on land and water by The Organization, restoration activities are implemented.

6.7.4 Where continued degradation exists to water courses, water bodies, water quantity and water quality caused by previous managers and the activities of third parties, measures are implemented that prevent or mitigate this degradation.

**6.8** *The Organization\* shall manage the landscape\* in the Management Unit\* to maintain and/or restore\* a varying mosaic of species, sizes, ages, spatial scales\* and regeneration cycles appropriate for the landscape values\* in that region, and for enhancing environmental and economic resilience\*.*

6.8.1 A varying mosaic of species, sizes, ages, spatial scales, and regeneration cycles is maintained appropriate to the landscape.

6.8.2 The mosaic of species, sizes, ages, spatial scales, and regeneration cycles is restored where it has not been maintained appropriate to the landscape.

**6.9** *The Organization\* shall not convert natural forest\* or High Conservation Value Areas\* to plantations\* or to non-forest land-use\*, nor transform plantations\* on sites directly converted from natural forest\* to non-forest land-use\*, except when the conversion\*:*

- a) *Affects a very limited portion\* of the Management Unit\*, and*
- b) *Will produce clear, substantial, additional\*, secure long-term conservation\* and social benefits in the Management Unit\*, and*
- c) *Does not damage or threaten High Conservation Values\*, nor any sites or resources necessary to maintain or enhance those High Conservation Values\*. (C6.10 P&C V4 and Motion 2014#7)*

6.9.1 There is no conversion of natural forest or High Conservation Value Areas to plantations, or to non-forest land-use, nor transformation of plantations on sites directly converted from natural forest to non-forest land-use, except when it:

- 1) *Affects a very limited portion of the Management Unit, and*
- 2) *Will produce clear, substantial, additional, secure, long-term conservation and social benefits in the Management Unit, and*

- 3) Does not damage or threaten High Conservation Values, nor any sites or resources necessary to maintain or enhance those High Conservation Values.

**6.10 Management Units\* containing plantations\* that were established on areas converted from natural forest\* between 1 December 1994 and 31 December 2020 shall not qualify for certification, except where:**

- a) **The conversion affected a very limited portion\* of the Management Unit\* and is producing clear, substantial, additional\*, secure long-term conservation\* benefits in the Management Unit\*, or**
- b) **The Organization\* which was directly\* or indirectly\* involved in the conversion demonstrates restitution\* of all social harms\* and proportionate\* remedy\* of environmental harms\* as specified in the applicable FSC Remedy Framework, or**
- c) **The Organization\* which was not involved in the conversion but has acquired Management Units\* where conversion has taken place demonstrates restitution\* of priority social harms\* and partial remedy\* of environmental harms\* as specified in the applicable FSC Remedy Framework.**

6.10.1 Based on Best Available Information, accurate data is compiled on all conversions between 1 December 1994 and 31 December 2020 within the Management Unit.

6.10.2 Areas converted from natural forest to plantation between 1 December 1994 and 31 December 2020 are not certified, except where:

- 1) The conversion affected a very limited portion of the Management Unit and is producing clear, substantial, additional, secure long-term conservation benefits in the Management Unit, or
- 2) The Organization which was directly or indirectly involved in the conversion demonstrates restitution of all social harms and proportionate remedy of environmental harms as specified in the applicable FSC Remedy Framework, or
- 3) The Organization which was not involved in conversion but has acquired Management Units where conversion has taken place demonstrates restitution of priority social harms and partial remedy of environmental harms as specified in the applicable FSC Remedy Framework, or The Organization qualifies as a small-scale smallholder.

6.11 **Management Units\*** shall not qualify for certification if they contain **natural forests\*** or **High Conservation Value Areas\*** converted after 31 December 2020, except where the **conversion\***:

- a) **Affected a very limited portion\*** of the **Management Unit\***, and
- b) **Is producing clear, substantial, additional\*, secure long-term\* conservation\*** and social benefits in the **Management Unit\***, and
- c) **Did not threaten High Conservation Values\***, nor any sites or resources necessary to maintain or enhance those **High Conservation Values\***.

6.11.1 Based on Best Available Information, accurate data is compiled on all conversions of natural forests and High Conservation Value Areas after 31 December 2020 within the Management Unit.

6.11.2 Areas where natural forests or High Conservation Value Areas have been converted after 31 December 2020 are not certified, except where the conversion:

- 1) Affected a very limited portion of the Management Unit; and
- 2) is producing clear, substantial, additional, secure long-term conservation and social benefits in the Management Unit; and
- 3) did not threaten High Conservation Values, nor any sites or resources necessary to maintain or enhance those High Conservation Values.

**PRINCIPLE\* 7: MANAGEMENT PLANNING**

**The Organization\* shall have a *management plan\** consistent with its policies and *objectives\** and proportionate to *scale, intensity and risks\** of its management activities. The *management plan\** shall be implemented and kept up to date based on monitoring information in order to promote *adaptive management\**. The associated planning and procedural documentation shall be sufficient to guide staff, inform *affected stakeholders\** and *interested stakeholders\** and to justify management decisions.**

**7.1 The Organization\* shall, proportionate to *scale, intensity and risk\** of its management activities, set policies (visions and values) and *objectives\** for management, which are environmentally sound, socially beneficial and economically viable. Summaries of these policies and *objectives\** shall be incorporated into the *management plan\**, and publicized.**

7.1.1 Policies (vision and values) that contribute to meeting the requirements of this standard are defined.

7.1.2 Specific, operational management objectives that address the requirements of this standard are defined.

7.1.3 Summaries of the defined policies and management objectives are included in the management plan and publicized.

**7.2 The Organization\* shall have and implement a *management plan\** for the *Management Unit\** which is fully consistent with the policies and *management objectives\** as established according to *Criterion\** 7.1. The *management plan\** shall describe the natural resources that exist in the *Management Unit\** and explain how the plan will meet the FSC certification requirements. The *management plan\** shall cover *forest\** management planning and social management planning proportionate to *scale, intensity and risk\** of the planned activities.**

7.2.1 The management plan includes management actions, procedures, strategies and measures to achieve the management objectives.

7.2.2 The management plan addresses the elements listed in Annex E, and is implemented.

**7.3 The *management plan\** shall include *verifiable targets\** by which progress towards each of the prescribed *management objectives\** can be assessed.**

7.3.1 Verifiable targets, and the frequency that they are assessed, are established for monitoring the progress towards each management objective.

**7.4 The Organization\* shall update and revise periodically the management planning and procedural documentation to incorporate the results of monitoring and evaluation, stakeholder *engagement\** or new scientific and technical information, as well as to respond to changing environmental, social and economic circumstances.**

7.4.1 The management plan is revised and updated periodically consistent with Annex F to incorporate:

- 1) Monitoring results, including results of certification audits;
- 2) Evaluation results;
- 3) Stakeholder engagement results;

- 4) New scientific and technical information, and
- 5) Changing environmental, social, or economic circumstances.

**7.5** *The Organization\* shall make publicly available\* a summary of the management plan\* free of charge. Excluding confidential information\*, other relevant components of the management plan\* shall be made available to affected stakeholders\* on request, and at cost of reproduction and handling.*

7.5.1 A summary of the management plan in a format comprehensible to stakeholders including maps and excluding confidential information is made publicly available at no cost.

7.5.2 Relevant components of the management plan, excluding confidential information, are available to affected stakeholders on request at the actual costs of reproduction and handling.

**7.6** *The Organization\* shall, proportionate to scale, intensity and risk\* of management activities, proactively and transparently engage affected stakeholders\* in its management planning and monitoring processes, and shall engage interested stakeholders\* on request.*

7.6.1 Culturally appropriate engagement is used to ensure that affected stakeholders are proactively and transparently engaged in the following processes:

- 1) Dispute resolution processes (Criterion 1.6, Criterion 2.6, Criterion 4.6);
- 2) Definition of living wages (Criterion 2.4);
- 3) Identification of rights (Criterion 3.1, Criterion 4.1), Indigenous cultural landscapes (Criterion 3.1) sites (Criterion 3.5, Criterion 4.7) and impacts (Criterion 4.5);
- 4) Local communities' socio-economic development activities (Criterion 4.4); and
- 5) High Conservation Values assessment, management and monitoring (Criterion 9.1, Criterion 9.2, Criterion 9.4).

7.6.2 Culturally appropriate engagement is used to:

- 1) Determine appropriate representatives and contact points (including where appropriate, local institutions, organizations and authorities);
- 2) Determine mutually agreed communication channels allowing for information to flow in both directions;
- 3) Ensure all actors (women, youth, elderly, minorities) are represented and engaged equitably;
- 4) Ensure all meetings, all points discussed and all agreements reached are recorded;
- 5) Ensure the content of meeting records is approved; and
- 6) Ensure the results of all culturally appropriate engagement activities are shared with those involved.



7.6.3 Affected rights holders and affected stakeholders are provided with an opportunity for culturally appropriate engagement in monitoring and planning processes of management activities that affect their interests.

SLIMF 7.6.3 Culturally appropriate engagement is completed with affected stakeholders to ensure that their concerns are addressed in the development and implementation of management and monitoring activities.

7.6.4 On request, interested stakeholders are provided with an opportunity for engagement in monitoring and planning processes of management activities that affect their interests.

## **PRINCIPLE\* 8: MONITORING AND ASSESSMENT**

**The Organization\* shall demonstrate that, progress towards achieving the management objectives\*, the impacts of management activities and the condition of the Management Unit\*, are monitored and evaluated proportionate to the scale, intensity and risk\* of management activities, in order to implement adaptive management\*.**

**8.1 The Organization\* shall monitor the implementation of its Management Plan\*, including its policies and management objectives\*, its progress with the activities planned, and the achievement of its verifiable targets\*.**

8.1.1 Procedures are documented and executed for monitoring the implementation of the management plan including its policies and management objectives and achievement of verifiable targets.

**8.2 The Organization\* shall monitor and evaluate the environmental and social impacts of the activities carried out in the Management Unit\*, and changes in its environmental condition.**

8.2.1 The social and environmental impacts of management activities are monitored consistent with Annex G.

8.2.2 Changes in environmental conditions are monitored consistent with Annex G.

**8.3 The Organization\* shall analyze the results of monitoring and evaluation and feed the outcomes of this analysis back into the planning process.**

8.3.1 Adaptive management procedures are implemented so that monitoring results feed into periodic updates to the planning process and the resulting management plan.

8.3.2 If monitoring results show non-conformities with the FSC Standard then management objectives, verifiable targets and/or management activities are revised.

**8.4 The Organization\* shall make publicly available\* a summary of the results of monitoring free of charge, excluding confidential information\*.**

8.4.1 A summary of the monitoring results consistent with Annex G, in a format comprehensible to stakeholders including maps and excluding confidential information is made publicly available at no cost.

**8.5 The Organization\* shall have and implement a tracking and tracing system proportionate to scale, intensity and risk\* of its management activities, for demonstrating the source and volume in proportion to projected output for each year, of all products from the Management Unit\* that are marketed as FSC certified.**

8.5.1 A system is implemented to track and trace all products that are marketed as FSC certified. As part of that:

1) Transaction verification is supported by providing FSC transaction data, as requested by the certification body;

2) Fibre testing is supported by surrendering samples and specimens of materials and information about species composition for verification, as requested by the certification body.

8.5.2 Information about all products sold is compiled and documented, including:

- 1) Common and scientific species name;
- 2) Product name or description;
- 3) Volume (or quantity) of product;
- 4) Information to trace the material to the source of origin logging block;
- 5) Harvest date;
- 6) If basic processing activities take place in the forest, the date and volume produced; and
- 7) Whether or not the material was sold as FSC certified.

8.5.3 Sales invoices or similar documentation are kept for a minimum of five years for all products sold with an FSC claim, which identify at a minimum, the following information:

- 1) Name and address of purchaser;
- 2) The date of sale;
- 3) Common and scientific species name;
- 4) Product description;
- 5) The volume (or quantity) sold;
- 6) Certificate code; and
- 7) The FSC Claim "FSC 100%" identifying products sold as FSC certified.

**PRINCIPLE\* 9: HIGH CONSERVATION VALUES\***

The *Organization\** shall maintain and/or enhance the *High Conservation Values\** in the *Management Unit\** through applying the *precautionary approach\**.

9.1 *The Organization\**, through *engagement\** with *affected stakeholders\**, *interested stakeholders\** and other means and sources, shall assess and record the presence and status of the following *High Conservation Values\** in the *Management Unit\**, proportionate to the *scale, intensity and risk\** of impacts of management activities, and likelihood of the occurrence of the *High Conservation Values\**:

**HCV 1 – Species diversity.** Concentrations of *biological diversity\** including endemic species, and *rare\**, *threatened\** or endangered species, that are *significant\** at global, regional or national levels.

**HCV 2 – Landscape\*-level ecosystems\* and mosaics.** *Intact Forest Landscapes\*<sup>10</sup>* and large *landscape\*-level ecosystems\** and *ecosystem\** mosaics that are *significant\** at global, regional or national levels, and that contain viable populations of the great majority of the naturally occurring species in natural patterns of distribution and abundance.

**HCV 3 – Ecosystems\* and habitats\*.** *Rare\**, *threatened\**, or endangered ecosystems\*, habitats\* or refugia\*.

**HCV 4 – Critical\* ecosystem services\*.** Basic *ecosystem services\** in *critical\** situations, including *protection\** of water catchments and control of erosion of vulnerable soils and slopes.

**HCV 5 – Community needs.** Sites and resources fundamental for satisfying the basic necessities of *local communities\** or *Indigenous Peoples\** (for livelihoods, health, nutrition, water, etc.), identified through *engagement\** with these communities or *Indigenous Peoples\**.

**HCV 6 – Cultural values.** Sites, resources, *habitats\** and *landscapes\** of global or national cultural, archaeological or historical significance, and/or of *critical\** cultural, ecological, economic or religious/sacred importance for the traditional cultures of *local communities\** or *Indigenous Peoples\**, identified through *engagement\** with these *local communities\** or *Indigenous Peoples\**.

9.1.1 Consistent with the High Conservation Value Framework (Annex J), an assessment is completed using Best Available Information that records the location and status of High Conservation Values Categories 1-6, as defined in Criterion 9.1; the High Conservation Value Areas they rely upon, and their condition.

9.1.2 [Not applicable in Jamaica] This assessment includes identification of Intact Forest Landscapes, as of January 1, 2017.

9.1.3 The assessment uses results from culturally appropriate engagement with affected rights holders and affected and interested stakeholders with an interest in the conservation of the High Conservation Values.

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<sup>10</sup> Neither of the sites [www.intactforests.org](http://www.intactforests.org) or [www.globalforestwatch.org](http://www.globalforestwatch.org) report Intact Forest Landscapes (IFL) for Jamaica; hence, all indicators related to IFL are non-applicable for this case.

**9.2 *The Organization\** shall develop effective strategies that maintain and/or enhance the identified *High Conservation Values\**, through *engagement\** with *affected stakeholders\**, *interested stakeholders\** and experts.**

- 9.2.1 Threats to High Conservation Values are identified using Best Available Information.
- 9.2.2 Consistent with the High Conservation Value Framework (Annex J), management strategies and actions are developed to maintain and/or enhance the identified High Conservation Values and to maintain associated High Conservation Value Areas prior to implementing potentially harmful management activities.
- 9.2.3 Affected rights holders, affected and interested stakeholders and experts are engaged in the development of management strategies and actions to maintain and/or enhance the identified High Conservation Values.
- 9.2.4 [Not applicable in Jamaica] Management strategies are developed to protect core areas.
- 9.2.5 [Not applicable in Jamaica] The vast majority of each Intact Forest Landscape is designated as core area.
- 9.2.6 The strategies developed are effective to maintain and/or enhance the High Conservation Values.
- 9.2.7 [Not applicable in Jamaica] Management strategies allow limited industrial activity within core areas only if all effects of industrial activity including fragmentation:
  - 1) Are restricted to a very limited portion of the core area;
  - 2) Do not reduce the core area below 50,000 ha, and
  - 3) Will produce clear, substantial, additional, long-term conservation and social benefits.

**9.3 *The Organization\** shall implement strategies and actions that maintain and/or enhance the identified *High Conservation Values\**. These strategies and actions shall implement the *precautionary approach\** and be proportionate to the *scale, intensity and risk\** of management activities.**

- 9.3.1 The High Conservation Values and the High Conservation Value Areas on which they depend are maintained and/or enhanced, including by implementing the strategies developed.
- 9.3.2 The strategies and actions prevent damage and avoid risks to High Conservation Values, even when the scientific information is incomplete or inconclusive, and when the vulnerability and sensitivity of High Conservation Values are uncertain.
- 9.3.3 [Not applicable in Jamaica] Core areas are protected consistent with Criterion 9.2.
- 9.3.4 [Not applicable in Jamaica] Limited industrial activity in core areas is consistent with Indicator 9.2.7.

9.3.5 Activities that harm High Conservation Values cease immediately and actions are taken to restore and protect the High Conservation Values.

**9.4 *The Organization\** shall demonstrate that periodic monitoring is carried out to assess changes in the status of *High Conservation Values\**, and shall adapt its management strategies to ensure their effective *protection\**. The monitoring shall be proportionate to the *scale, intensity and risk\** of management activities, and shall include *engagement\** with *affected stakeholders\**, *interested stakeholders\** and experts.**

9.4.1 A program of periodic monitoring assesses:

- 1) Implementation of strategies;
- 2) The status of High Conservation Values, including High Conservation Value Areas on which they depend; and
- 3) The effectiveness of the management strategies and actions for the protection of High Conservation Values, to fully maintain and/or enhance-the High Conservation Values.

9.4.2 The monitoring program includes engagement with affected rights holders, affected and interested stakeholders and experts.

SLIMF 9.4.2 The monitoring program includes engagement with affected and interested stakeholders and experts.

9.4.3 The monitoring program has sufficient scope, detail and frequency to detect changes in High Conservation Values, relative to the initial assessment and status identified for each High Conservation Value.

9.4.4 Management strategies and actions are adapted when monitoring or other new information show that these strategies and actions are insufficient to ensure the maintenance and/or enhancement of High Conservation Values.

## **PRINCIPLE\* 10: IMPLEMENTATION OF MANAGEMENT ACTIVITIES**

Management activities conducted by or for *The Organization\** for the *Management Unit\** shall be selected and implemented consistent with *The Organization's\** economic, environmental and social policies and *objectives\** and in compliance with the *Principles\** and *Criteria\** collectively.

**10.1** After harvest or in accordance with the *management plan\**, *The Organization\** shall, by natural or artificial regeneration methods, regenerate vegetation cover in a timely fashion to pre-harvesting or more *natural conditions\**.

10.1.1 Harvested sites are regenerated in a timely manner that:

- 1) Protects affected environmental values; and
- 2) Is suitable to recover overall pre-harvest or natural forest composition and structure.

10.1.2 Regeneration activities are implemented in a manner that:

- 1) For harvest of existing plantations, regenerate to the vegetation cover that existed prior to the harvest or to more natural conditions using ecologically well-adapted species;
- 2) For harvest of natural forests, regenerate to pre-harvest or to more natural conditions; or
- 3) For harvest of degraded natural forests, regenerate to more natural conditions.

**10.2** *The Organization\** shall use species for regeneration that are ecologically well-adapted to the site and to the *management objectives\**. *The Organization\** shall use *native species\** and *local genotypes\** for regeneration, unless there is clear and convincing justification for using others.

10.2.1 Species chosen for regeneration are ecologically well-adapted to the site, are native species and are of local provenance, unless clear and convincing justification is provided for using non-local genotypes or non-native species.

NTPF 10.2.1 Bamboo species chosen for regeneration are ecologically well-adapted to the site.

10.2.2 Species chosen for regeneration are consistent with the regeneration objectives and with the management objectives.

**10.3** *The Organization\** shall only use *alien species\** when knowledge and/or experience have shown that any invasive impacts can be controlled and effective mitigation measures are in place.

10.3.1 Alien species are used only when direct experience and/or the results of scientific research demonstrate that invasive impacts can be controlled.

10.3.2 Alien species, such as bamboo, are used only when effective mitigation measures are in place to control their spread outside the area in which they are established.

- 10.3.3 The spread of invasive species introduced by The Organization, such as bamboo, is controlled.
- 10.3.4 Management activities are implemented, preferably in cooperation with separate regulatory bodies where these exist, with an aim to control the invasive impacts of alien species that were not introduced by The Organization.
- 10.4 *The Organization\* shall not use genetically modified organisms\* in the Management Unit\*.***
- 10.4.1 Genetically modified organisms are not used.
- 10.5 *The Organization\* shall use silvicultural\* practices that are ecologically appropriate for the vegetation, species, sites and management objectives\*.***
- 10.5.1 Silvicultural practices are implemented that are ecologically appropriate for the vegetation, species, sites and management objectives.
- 10.6 *The Organization\* shall minimize or avoid the use of fertilizers\*. When fertilizers\* are used, The Organization\* shall demonstrate that use is equally or more ecologically and economically beneficial than use of silvicultural\* systems that do not require fertilizers, and prevent, mitigate, and/or repair damage to environmental values\*, including soils.***
- 10.6.1 The use of fertilizers is minimized or avoided.
- 10.6.2 When fertilizers are used, their ecological and economic benefits are equal to or higher than those of silvicultural systems that do not require fertilizers.
- 10.6.3 When fertilizers are used, their types, rates, frequencies and site of application are documented.
- 10.6.4 When fertilizers are used, environmental values (e.g., rare plant communities, riparian zones, water courses, water bodies, etc.), are protected, including through implementation of measures to prevent damage.
- 10.6.5 Damage to environmental values resulting from fertilizer use is mitigated or repaired.
- 10.7 *The Organization\* shall use integrated pest management and silviculture\* systems which avoid, or aim at eliminating, the use of chemical pesticides\*. The Organization\* shall not use any chemical pesticides\* prohibited by FSC policy. When pesticides\* are used, The Organization\* shall prevent, mitigate, and/or repair damage to environmental values\* and human health.***
- 10.7.1 Integrated pest management, including selection of silviculture systems, is used to avoid, or aim to eliminate, the frequency, extent and amount of chemical pesticide applications, and result in non-use or overall reductions in applications.
- 10.7.2 Chemical pesticides prohibited by FSC's Pesticide Policy are not used or stored in the Management Unit unless FSC has granted derogation.



- 10.7.3 Records of pesticide usage are maintained, including trade name, active ingredient, quantity of active ingredient used, period of use, location and area of use and reason for use.
- 10.7.4 The use of pesticides complies with the ILO document “Safety in the use of chemicals at work” regarding requirements for the transport, storage, handling, application and emergency procedures for cleanup following accidental spillages.
- 10.7.5 If pesticides are used, application methods minimize quantities used, while achieving effective results, and provide effective protection to surrounding landscapes.
- 10.7.6 Damage to environmental values and human health from pesticide use is prevented and mitigated or repaired where damage occurs.
- 10.7.7 When pesticides are used:
- 1) The selected pesticide, application method, timing and pattern of use offers the least risk to humans and non-target species; and
  - 2) Objective evidence demonstrates that the pesticide is the only effective, practical and cost-effective way to control the pest.
- 10.8 *The Organization\* shall minimize, monitor and strictly control the use of biological control agents\* in accordance with internationally accepted scientific protocols\*. When biological control agents\* are used, The Organization\* shall prevent, mitigate, and/or repair damage to environmental values\*.***
- 10.8.1 The use of biological control agents is minimized, monitored and controlled.
- 10.8.2 Use of biological control agents complies with internationally accepted scientific protocols, such as the FAO Code of Conduct for the Import and Release of Exotic Biological Control.
- 10.8.3 The use of biological control agents is recorded including type, quantity, period, location and reason for use.
- 10.8.4 Damage to environmental values caused by the use of biological control agents is prevented and mitigated or repaired where damage occurs.
- 10.9 *The Organization\* shall assess risks\* and implement activities that reduce potential negative impacts from natural hazards\* proportionate to scale, intensity, and risk\*.***
- 10.9.1 Potential negative impacts of natural hazards on infrastructure, forest resources and communities in the Management Unit are assessed.
- 10.9.2 Management activities mitigate these impacts.
- SLIMF 10.9.2.1 Where capacity and resources allow, management activities mitigate potential unacceptable negative impacts of natural hazards.
- SLIMF 10.9.2.2 If capacity or resources do not allow, The Organization or manager communicates with government or relevant local organizations about mitigation capacity and possibilities.

- 10.9.3 The risk for management activities to increase the frequency, distribution or severity of natural hazards is identified for those hazards that may be influenced by management.
  - 10.9.4 Management activities are modified and/or measures are developed and implemented that reduce the identified risks.
- 10.10 *The Organization\** shall manage infrastructural development, transport activities and *silviculture\** so that water resources and soils are protected, and disturbance of and damage to *rare and threatened species\**, *habitats\**, *ecosystems\** and *landscape values\** are prevented, mitigated and/or repaired.**
- 10.10.1 Development, maintenance and use of infrastructure, as well as transport activities, are managed to protect environmental values identified in Criterion 6.1.
  - 10.10.2 Silviculture activities are managed to ensure protection of the environmental values identified in Criterion 6.1.
  - 10.10.3 Disturbance or damages to water courses, water bodies, soils, rare and threatened species, habitats, ecosystems and landscape values are prevented, mitigated and repaired in a timely manner, and management activities modified to prevent further damage.
- 10.11 *The Organization\** shall manage activities associated with harvesting and extraction of timber and *non-timber forest products\** so that *environmental values\** are conserved, merchantable waste is reduced, and damage to other products and services is avoided.**
- 10.11.1 Harvesting and extraction practices for timber and bamboo are implemented in a manner that conserves environmental values as identified in Criterion 6.1 and High Conservation Values identified in Criteria 9.1 and 9.2.
  - 10.11.2 Harvesting practices optimize the use of forest products and merchantable materials.
  - 10.11.3 Sufficient amounts of dead and decaying biomass and forest structure are retained to conserve environmental values.
  - 10.11.4 Harvesting practices (e.g., through the adoption of reduced impact logging techniques) avoid damage to standing residual trees, residual woody debris on the ground and other environmental values.
- 10.12 *The Organization\** shall dispose of *waste materials\** in an environmentally appropriate manner.**
- 10.12.1 Collection, clean up, transportation and disposal of all waste materials is done in an environmentally appropriate way that conserves environmental values as identified in Criterion 6.1 and following the guidance from the National Solid Waste Management Act.

## G Annexes

### Annex A Minimum list of applicable laws, regulations and nationally ratified international treaties, conventions and agreements (Principle 1)

The following is the minimum list of applicable laws, regulations and nationally ratified international treaties, conventions and agreements, in FSC-STD-60-004 (International Generic Indicators).

**Note:** This is not intended to be an exhaustive list of applicable legislation. If any additional legislation applies, The Organization shall also comply with it.

1. Legal rights to harvest	
1.1 Land tenure and management rights	Legislation covering land tenure rights, including customary rights as well as management rights, that includes the use of legal methods to obtain tenure rights and management rights. It also covers legal business registration and tax registration, including relevant legally required licenses.
	The Forest Act, 1996 – Main legislation related to forest management in Jamaica.
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.
	The Registration of Titles Act, 1973 – Main legislation related to the registration of land in Jamaica.
	The Restrictive Covenants (Discharge and Modification) Act, 1960 – Main legislation applicable to issue land titles and conditions for restrictions.
	The Companies Act, 2005 – Main legislation related to incorporation of companies in Jamaica.
1.2 Concession licenses	Legislation regulating procedures for issuing forest concession licenses, including the use of legal methods to obtain concession licenses. Bribery, corruption and nepotism are particularly well-known issues that are connected with concession licenses.
	The Forest Act, 1996 – Main legislation related to forest management in Jamaica.
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.
1.3 Management and harvesting planning	Any national or sub-national legal requirements for Management Planning, including conducting forest inventories, having a forest management plan and related planning and monitoring, impact assessments, consultation with other entities, as well as approval of these by legally competent authorities.

	The Forest Act, 1996 – Main legislation related to forest management in Jamaica.
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.
1.4 Harvesting permits	National or sub-national laws and regulations regulating procedures for issuing harvesting permits, licenses or other legal documents required for specific harvesting operations. This includes the use of legal methods to obtain the permits. Corruption is a well-known issue that is connected with the issuing of harvesting permits.
	The Forest Act, 1996 – Main legislation related to forest management in Jamaica.
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.
<b>2. Taxes and fees</b>	
2.1 Payment of royalties and harvesting fees	Legislation covering payment of all legally required forest harvesting specific fees such as royalties, stumpage fees and other volume-based fees. This includes payments of the fees based on the correct classification of quantities, qualities and species. Incorrect classification of forest products is a well-known issue that is often combined with bribery of officials in charge of controlling the classification.
	The Forest Act, 1996 – Main legislation related to forest management in Jamaica.
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.
2.2 Value added taxes and other sales taxes	Legislation covering different types of sales taxes which apply to the material being sold, including the sale of material as growing forest (standing stock sales).
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.
2.3 Income and profit taxes	Legislation covering income and profit taxes related to profit derived from the sale of forest products and harvesting activities. This category is also related to income from the sale of timber and does not include other taxes generally applicable for companies and is not related to salary payments.
	The Income Tax Act, 2013 – General legislation about the different types of income taxes in Jamaica.

<b>3. Timber harvesting activities</b>	
3.1 Timber harvesting regulations	Any legal requirements for harvesting techniques and technology including selective cutting, shelter wood regenerations, clear felling, transport of timber from the felling site, seasonal limitations, etc. Typically, this includes regulations on the size of felling areas, minimum age and/or diameter for felling activities, and elements that shall be preserved during felling, etc. Establishment of skidding or hauling trails, road construction, drainage systems and bridges, etc., shall also be considered as well as the planning and monitoring of harvesting activities. Any legally binding codes for harvesting practices shall be considered.
	The Forest Act, 1996 – Main legislation related to forest management in Jamaica.
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.
3.2 Protected sites and species	International, national, and sub national treaties, laws, and regulations related to protected areas, allowable forest uses and activities, and/or rare, threatened, or endangered species, including their habitats and potential habitats.
	Convention on Biological Diversity (Ratified in January 1995) – Dedicated to promoting sustainable development; the Convention recognizes that biological diversity is about more than plants, animals and microorganisms and their ecosystems, but it is about people and our need for food security, medicines, fresh air and water, shelter, and a clean environment in which to live.
	Convention on Wetlands of International Importance especially as Waterfowl Habitats [RAMSAR] (Ratified in October 1997) – It is an intergovernmental treaty that provides the framework for national action and international cooperation for the conservation and wise use of wetlands and their resources.
	United Nations Convention to Combat Desertification, Paris, 1994 [UNCCD] (Ratified in November 1997) – It was established to protect and restore our land and ensure a safer, just, and more sustainable future.
	Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) – It is an international agreement among governments. Its aim is to ensure that international trade in specimens of wild animals and plants does not threaten the survival of the species.
	The Wildlife Protection Act, 1999 – Main legislation related to the protection of wildlife in Jamaica.
	The Fisheries Act, 2018 – Main legislation to provide for the efficient and effective management and sustainable development of fisheries, aquaculture and other related activities in accordance with internationally recognized standards.

	<p>The Endangered Species (Protection, Conservation and Regulation of Trade) Act, 2000 – Main legislation and regulations in respect of establishment of national export quota especially for (Conch, Strombus giga).</p>
	<p>The Jamaica National Heritage Trust Act, 1990 – Main legislation regarding the conservation of national monuments in Jamaica.</p>
	<p>The Natural Resources Conservation Authority Act, 1991 – Legislation regarding the effective management of the physical environment of Jamaica so as to ensure the conservation, protection and proper use of its natural resources.</p>
	<p>The Beach Control Act, 2005 – Legislation for controlling the use of all beaches around the island.</p>
	<p>The Watersheds Protection Act, 1963 – Main legislation to promote the conservation of water resources in watersheds of the island.</p>
	<p>The Forest Act, 1996 – Main legislation related to forest management in Jamaica.</p>
	<p>The Forest Regulations, 2001 – General guidelines to implement the Forest Act.</p>
	<p>The Town and Country Planning Act, 1988 – Main legislation regarding urbanizations in Jamaica, including the preservation of trees.</p>
3.3 Environmental requirements	<p>National and sub national laws and regulations related to the identification and/or protection of environmental values including but not limited to those relating to or affected by harvesting, acceptable levels for soil damage, establishment of buffer zones (e.g., along water courses, open areas and breeding sites), maintenance of retention trees on the felling site, seasonal limitations of harvesting time, environmental requirements for forest machineries, use of pesticides and other chemicals, biodiversity conservation, air quality, protection and restoration of water quality, operation of recreational equipment, development of non-forestry infrastructure, mineral exploration and extraction, etc.</p>
	<p>The Forest Act, 1996 – Main legislation related to forest management in Jamaica.</p>
	<p>The Natural Resources Conservation Authority (Air Quality) Regulations, 2002 – Legislation regarding the effective management of the physical environment of Jamaica so as to ensure the conservation, protection and proper use of its natural resources, especially the air.</p>
	<p>The Town and Country Planning Act, 1988 – Main legislation regarding urbanizations in Jamaica, including the preservation of trees.</p>

	<p>The Mining Act, 1998 – Main legislation related to the mining of minerals in Jamaica.</p>
	<p>The Quarries Control Act, 1990 – Legislation regarding quarry minerals extracted in Jamaica.</p>
	<p>The Pesticides Act, 1996 – Main legislation related to the pesticides registration in Jamaica, including the purpose for that registration.</p>
	<p>The Water Resources Act, 1996 – Legislation to establish the Water Resources Authority to regulate, allocate, conserve and otherwise manage the water resources of Jamaica.</p>
	<p>The National Solid Waste Management Act, 2002 – Main legislation related to the effective management of solid waste in Jamaica in order to safeguard public health, ensure that the waste is collected, stored, transported, recycled, reused or disposed of, in an environmentally sound manner, and promote public awareness of the importance of efficient solid waste management.</p>
3.4 Health and safety	<p>Legally required personal protection equipment for persons involved in harvesting activities, implementation of safe felling and transport practices, establishment of protection zones around harvesting sites, safety requirements for machinery used, and legally required safety requirements in relation to chemical usage. The health and safety requirements that shall be considered relevant to operations in the forest (not office work, or other activities less related to actual forest operations).</p>
	<p>The Public Health Act, 2003 – Legislation regarding different issues such as the proper solid waste disposal, vaccines, butcher licenses, prevention of health hazards in structures, food handling, and others.</p>
	<p>The Factories Act, 2011 – Legislation regarding factories of different sorts, and the obligation of the owner to have those in good order to accept inspections by the Government authorities.</p>
3.5 Legal employment	<p>Legal requirements for employment of personnel involved in harvesting activities including requirements for contracts and working permits, requirements for obligatory insurance, requirements for competence certificates and other training requirements, and payment of social and income taxes withheld by the employer. Also covered are the observance of minimum working age and minimum age for personnel involved in hazardous work, legislation against forced and compulsory labor, and discrimination and freedom of association.</p>
	<p>The Employment (Termination and Redundancy Payments) Act, 1974 – Legislation related to the establishment of protocols for termination of employment and the rights of the employee.</p>
	<p>The Holidays with Pay Act, 1947 – Legislation establishing the official holidays with pay, sick leave with pay, gratuities and sick benefits in Jamaica.</p>

	The Minimum Wage Act, 2010 – Legislation on how to establish minimum rates of wages for any occupation in Jamaica, either generally or in any specified area, place, or district.
	The Holidays (Public General) Act, 1973 – Legislation establishing the official holidays, and some guidance specific to certain type of businesses.
<b>4. Third parties' rights</b>	
4.1 Customary rights	Legislation covering customary rights relevant to forest harvesting activities, including requirements covering the sharing of benefits and indigenous rights.
	No generic regulation available.
4.2 Free Prior and Informed Consent	Legislation covering “free prior and informed consent” in connection with the transfer of forest management rights and customary rights to The Organization in charge of the harvesting operation.
	No generic regulation available.
4.3 Indigenous Peoples' rights	Legislation that regulates the rights of Indigenous Peoples as far as it is related to forestry activities. Possible aspects to consider are land tenure, and rights to use certain forest related resources and practice traditional activities, which may involve forest lands.
	No generic regulation available.
<b>5. Trade and transport</b>	
<b>Note:</b> This section covers requirements for forest management operations as well as processing and trade.	
5.1 Classification of species, quantities, qualities	Legislation regulating how harvested material is classified in terms of species, volumes and qualities in connection with trade and transport. Incorrect classification of harvested material is a well-known method to reduce or avoid payment of legally prescribed taxes and fees.
	The Forest Act, 1996 – Main legislation related to forest management in Jamaica.
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.
5.2 Trade and transport	All required trading and transport permits shall exist as well as legally required transport documents which accompany the transport of wood from forest operations.
	The Forest Act, 1996 – Main legislation related to forest management in Jamaica.
	The Forest Regulations, 2001 – General guidelines to implement the Forest Act.



5.3 Offshore trading and transfer pricing	<p>Legislation regulating offshore trading. Offshore trading with related companies placed in tax havens, combined with artificial transfer prices is a well-known way to avoid payment of legally prescribed taxes and fees to the country of harvest and is considered to be an important source of funds that can be used for payment of bribery to the forest operations and personnel involved in the harvesting operation. Many countries have established legislation covering transfer pricing and offshore trading. It should be noted that only transfer pricing and offshore trading, as far as it is legally prohibited in the country, can be included here.</p>
	No generic regulation available.
5.4 Custom regulations	<p>Custom legislation covering areas such as export/import licenses and product classification (codes, quantities, qualities and species).</p>
	<p>The Customs Act, 2005 – General legislation regarding imports and exports happening in Jamaica.</p>
	<p>The Trade Act, 2011 – Legislation regarding the creation of the Prices Commission to keep control over the prices of goods.</p>
5.5 CITES	<p>CITES permits (the Convention on International Trade in Endangered Species of Wild Fauna and Flora, also known as the Washington Convention).</p>
	CITES Appendices I, II and III
	<p>The Endangered Species (Protection, Conservation and Regulation of Trade) Act, 2000 – Main legislation and regulations in respect of establishment of national export quota especially for (Conch, Strombus giga).</p>
	<p>The Fisheries Act, 2018 – Main legislation to provide for the efficient and effective management and sustainable development of fisheries, aquaculture and other related activities in accordance with internationally recognized standards.</p>
	<p>The Customs Act, 2005 – General legislation regarding imports and exports happening in Jamaica.</p>
	<p>The Trade Act, 2011 – Legislation regarding the creation of the Prices Commission to keep control over the prices of goods.</p>
<b>6. Due diligence / due care</b>	
6.1 Due diligence / due care procedures	<p>Legislation requiring due diligence/due care procedures, including, e.g., due diligence/due care systems, declaration obligations, and/or the keeping of trade related documents, etc.</p>
	No generic regulation available.

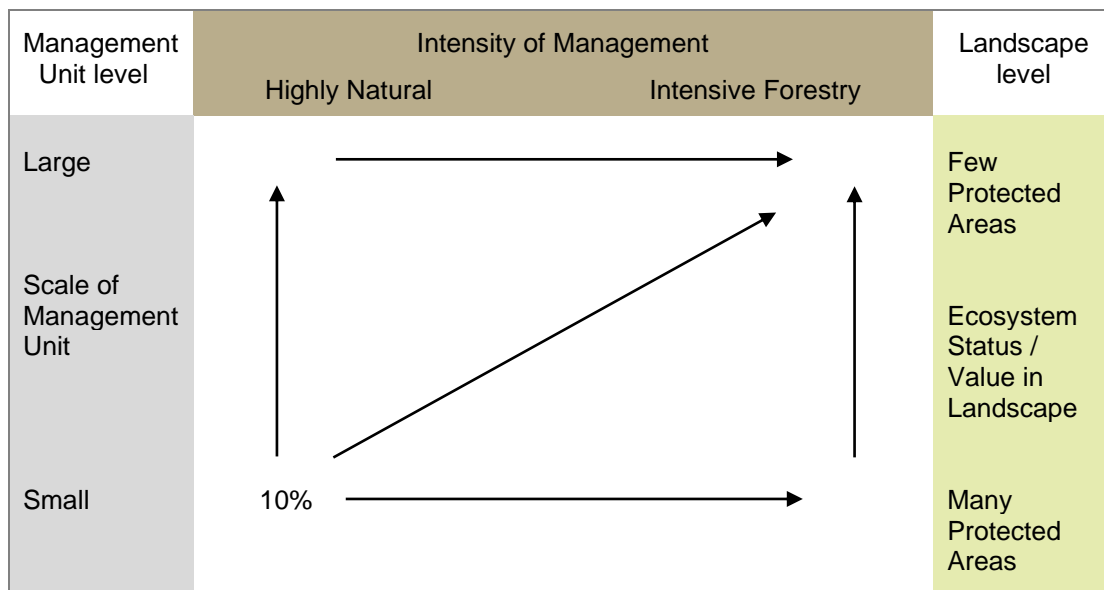
<b>7. Ecosystem Services</b>	
	<p>Legislation covering ecosystem services rights, including customary rights as well as management rights that include the use of legal methods to make claims and obtain benefits and management rights related to ecosystem services. National and subnational laws and regulations related to the identification, protection and payment for ecosystem services. Also includes legal business registration and tax registration, including relevant legal required licenses for the exploitation, payment, and claims related to ecosystem services (including tourism).</p>
	<p>Climate Change Policy Framework for Jamaica, 2021 – Framework to include establishing a Climate Change Division within the Ministry with responsibility for the environment and climate (MRECC) portfolios, with a specific mandate to address climate change issues; the appointment of a Climate Change Advisory Board and the establishment of the Climate Change Focal Point Network to facilitate a multi-sectoral approach to climate change.</p>
	<p>National Strategy and Action Plan on Biological Diversity in Jamaica, 2013 – Goals of the Strategy: conserve Jamaica's biodiversity; promote sustainable use of biological resources; facilitate access to biological resources to promote developments in biotechnology; ensure safe handling and use of Living Modified Organisms; enhance resource management capacity; promote public awareness and education; and promote regional and international cooperation and collaboration in support of the implementation of the CBD.</p>
	<p>Jamaica is currently in the process of developing its REDD+ readiness</p>

## **Annex B Training requirements for workers (Principle 2)**

Workers shall be able to:

- 1) Implement forest activities to comply with applicable legal requirements (Criterion 1.5);
- 2) Understand the content, meaning and applicability of the eight ILO Core Labour Conventions (Criterion 2.1);
- 3) Recognize and report on instances of sexual harassment and gender discrimination (Criterion 2.2);
- 4) Safely handle and dispose of hazardous substances to ensure that use does not pose health risks (Criterion 2.3);
- 5) Carry out their responsibilities for particularly dangerous jobs or jobs entailing a special responsibility (Criterion 2.5);
- 6) Identify where Indigenous Peoples have legal and customary rights related to management activities (Criterion 3.2);
- 7) Identify and implement applicable elements of UNDRIP and ILO Convention 169 (Criterion 3.4);
- 8) Identify sites of special cultural, ecological, economic, religious or spiritual significance to local communities and implement the necessary measures to protect them before the start of forest management activities to avoid negative impacts (Criterion 4.7);
- 9) Identify where local communities have legal and customary rights related to management activities (Criterion 4.2);
- 10) Carry out social, economic and environmental impact assessments and develop appropriate mitigation measures (Criterion 4.5);
- 11) Implement activities related to the maintenance and/or enhancement of ecosystem services, when FSC Ecosystem Services Claims are used (Criterion 5.1);
- 12) Handle, apply and store pesticides (Criterion 10.7); and
- 13) Implement procedures for cleaning up spills of waste materials (Criterion 10.12).

## Annex C Conservation Area Network conceptual diagram (Principle 6)



The diagram shows how the area of the Management Unit included in the Conservation Area Network is generally expected to increase from the 10% minimum as the size, intensity of management, and/or the status and value of ecosystems at the landscape level each increase. The arrows and their direction represent these increases.

The far-right column titled 'Ecosystems Status/Value in Landscape' signifies the extent to which native ecosystems are protected at the landscape level and the relative requirements for further protection in the Management Unit.

The far left column titled 'Scale of Management Unit' shows that as the Management Unit area increases, the Management Unit will itself be at the landscape level and so will be expected to have a Conservation Area Network containing functional examples of all of the naturally occurring ecosystems for that landscape.

## **Annex D List of rare and threatened species in Jamaica (Principle 6)**

A list of rare and threatened species in Jamaica can be found at the following sources:

- IUCN Red List of Threatened Species
- Complete Checklist of the Birds of the West Indies
- CITES Appendices I, II and III
- <https://www.cbd.int/doc/world/jm/jm-nbsap-v2-en.pdf>

## **Annex E Elements of the management plan (Principle 7)**

- 1) The results of assessments, including:
  - i. Natural resources and environmental values, as identified in Principle 6 and Principle 9;
  - ii. Social, economic and cultural resources and condition, as identified in Principle 6, Principle 2 to Principle 5 and Principle 9;
  - iii. Major social and environmental risks in the area, as identified in Principle 6, Principle 2 to Principle 5 and Principle 9; and
  - iv. The maintenance and/or enhancement of ecosystem services for which promotional claims are made as identified in Criterion 5.1.
- 2) Programs and activities regarding:
  - i. Workers' rights, occupational health and safety, gender equality, as identified in Principle 2;
  - ii. Indigenous Peoples, community relations, local economic and social development, as identified in Principle 3, Principle 4 and Principle 5;
  - iii. Stakeholder engagement and the resolution of disputes and grievances, as identified in Principle 1, Principle 2 and Principle 7;
  - iv. Planned management activities and timelines, silvicultural systems used, typical harvesting methods and equipment, as identified in Principle 10;
  - v. The rationale for harvesting rates of timber and other natural resources, as identified in Principle 5.
- 3) Measures to conserve and/or restore:
  - i. Rare and threatened species and habitats;
  - ii. Water bodies and riparian zones;
  - iii. Landscape connectivity, including wildlife corridors;
  - iv. Ecosystem services when FSC ecosystem services claims are used as identified in Criterion 5.1;
  - v. Representative Sample Areas, as identified in Principle 6; and
  - vi. High Conservation Values, as identified in Principle 9.
- 4) Measures to assess, prevent, and mitigate negative impacts of management activities on:
  - i. Environmental values, as identified in Principle 6, Principle 9 and Criterion 10.3 [invasiveness of non-native, alien species (e.g., bamboo)];
  - ii. Ecosystem services when FSC ecosystem services claims are used as identified in Criterion 5.1;
  - iii. Social Values and Indigenous cultural landscapes, as identified in Principle 2 to Principle 5 and Principle 9.

- 5) A description of the monitoring program, as identified in Principle 8, including:
- i. Growth and yield, as identified in Principle 5;
  - ii. Ecosystem services when FSC ecosystem services claims are used as identified in Criterion 5.1;
  - iii. Environmental values, as identified in Principle 6;
  - iv. Operational impacts, as identified in Principle 10;
  - v. High Conservation Values, as identified in Principle 9;
  - vi. Monitoring systems based on stakeholder engagement planned or in place, as identified in Principle 2 to Principle 5 and Principle 7;
  - vii. Maps describing the natural resources and land use zoning on the Management Unit.

## Annex F Conceptual framework for planning and monitoring (Principle 7)

Sample Management Plan Document	Management Plan Revision Periodicity	Element Being Monitored (Partial List)	Monitoring Periodicity	Who Monitors This Element?	FSC Principle / Criterion
Site Plan (Harvest Plan)	Annual	Creek crossings	When in the field and annually	Operational staff	P10
		Roads	When in the field and annually	Operational staff	P10
		Retention patches	Annually sample	Operational staff	P6, P10
		Rare Threatened and Endangered species	Annually	Consulting Biologist	P6
		Annual harvest levels	Annually	Woodlands Manager	C5.2
		Insect disease outbreaks	Annually, sample	Consulting Biologist / Ministry of Forests	P10
Budgeting	Annual	Expenditures	Annually	Chief Financial Officer	P5
		Contribution to local economy	Quarterly	General Manager	P5
Engagement Plan	Annual	Employment statistics	Annually	General Manager	P3 ,P4
		Social Agreements	Annually, or as agreed in Engagement Plan	Social Coordinator	P3, P4
		Grievances	Ongoing	Human Resources Manager	P2, P3, P4
5-Year management plan	5 years	Wildlife populations	To be determined	Ministry of Environment	P6
	Annual	Coarse Woody Debris	Annually	Ministry of Forests	P10
		Free growing / regeneration	Annually, sample	Operational staff	P10
Sustainable Forestry management plan	10 years	Age class distribution Size class distribution	Ten years	Ministry of Environment	P6
	Annual	10 year Allowable Annual Cut	Annually, ten years	Ministry of Forests / Woodlands manager	C5.2



<b>Sample Management Plan Document</b>	<b>Management Plan Revision Periodicity</b>	<b>Element Being Monitored (Partial List)</b>	<b>Monitoring Periodicity</b>	<b>Who Monitors This Element?</b>	<b>FSC Principle / Criterion</b>
Ecosystem Services Certification Document	5 years	Prior to validation and verification	Prior to validation and verification	General Manager	FSC-PRO-30-006

## **Annex G      Monitoring requirements (Principle 8)**

- 1) Monitoring in 8.2.1 is sufficient to identify and describe the environmental impacts of management activities, including where applicable:
  - i. The results of regeneration activities (Criterion 10.1);
  - ii. The use of ecologically well adapted species for regeneration (Criterion 10.2);
  - iii. Invasiveness or other adverse impacts associated with any non-native (e.g., Bamboo) alien species within and outside the Management Unit (Criterion 10.3);
  - iv. The use of genetically modified organisms to confirm that they are not being used (Criterion 10.4);
  - v. The results of silvicultural activities (Criterion 10.5);
  - vi. Adverse impacts to environmental values from fertilizers (Criterion 10.6);
  - vii. Adverse impacts from the use of pesticides (Criterion 10.7);
  - viii. Adverse impacts from the use of biological control agents (Criterion 10.8);
  - ix. The impacts from natural hazards (Criterion 10.9);
  - x. The impacts of infrastructural development, transport activities and silviculture to rare and threatened species, habitats, ecosystems, landscape values, water and soils (Criterion 10.10);;
  - xi. The impacts of harvesting and extraction of timber on non-timber forest products, environmental values, merchantable wood waste and other products and services (Criterion 10.11); and
  - xii. Environmentally appropriate disposal of waste materials (Criterion 10.12).
  
- 2) Monitoring in 8.2.1 is sufficient to identify and describe social impacts of management activities, including where applicable:
  - i. Evidence of illegal or unauthorized activities (Criterion 1.4);
  - ii. Compliance with applicable laws, local laws, ratified international conventions and obligatory codes of practice (Criterion 1.5);
  - iii. Resolution of disputes and grievances (Criterion 1.6, Criterion 2.6, Criterion 4.6);
  - iv. Programs and activities regarding workers' rights (Criterion 2.1);
  - v. Gender equality, sexual harassment and gender discrimination (Criterion 2.2);
  - vi. Programs and activities regarding occupational health and safety (Criterion 2.3);
  - vii. Payment of wages (Criterion 2.4);
  - viii. Workers' training (Criterion 2.5);
  - ix. Where pesticides are used, the health of workers exposed to pesticides (Criterion 2.5 and Criterion 10.7);

- x. The identification of Indigenous Peoples and local communities and their legal and customary rights (Criterion 3.1 and Criterion 4.1);
  - xi. Full implementation of the terms in binding agreements (Criterion 3.2 and Criterion 4.2);
  - xii. Indigenous Peoples and community relations (Criterion 3.2, Criterion 3.3 and Criterion 4.2);
  - xiii. Protection of sites of special cultural, ecological, economic, religious or spiritual significance to Indigenous Peoples and local communities (Criterion 3.5 and Criterion 4.7);
  - xiv. The persistence of Indigenous cultural landscapes and associated values of significance to Indigenous Peoples (Criterion 3.1, Criterion 3.5);
  - xv. The use of traditional knowledge and intellectual property (Criterion 3.6 and Criterion 4.8);
  - xvi. Local economic and social development (Criterion 4.2, Criterion 4.3, Criterion 4.4, Criterion 4.5);
  - xvii. The production of diversified benefits and/or products (Criterion 5.1);
  - xviii. The maintenance and/or enhancement of ecosystem services (Criterion 5,1);
  - xix. Activities to maintain or enhance ecosystem services (Criterion 5.1);
  - xx. Actual compared to projected annual harvests of timber and non-timber forest products (Criterion 5.2);
  - xxi. The use of local processing, local services and local value added manufacturing (Criterion 5.4);
  - xxii. Long term economic viability (Criterion 5.5); and
  - xxiii. High Conservation Values 5 and 6 identified in Criterion 9.1.
- 3) Monitoring procedures in 8.2.2 are sufficient to identify and describe changes in environmental conditions including where applicable:
- i. The maintenance and/or enhancement of ecosystem services (Criterion 5.2) (when The Organization uses FSC ecosystem services claims);
  - ii. Environmental values and ecosystem functions including carbon sequestration and storage (Criterion 6.1); including the effectiveness of actions identified and implemented to prevent, mitigate and repair negative impacts to environmental values (Criterion 6.3);
  - iii. Rare and threatened species, and the effectiveness of actions implemented to protect them and their habitats(Criterion 6.4);
  - iv. Representative Sample Areas and the effectiveness of actions implemented to conserve and/or restore them (Criterion 6.5);
  - v. Naturally occurring native species and biological diversity and the effectiveness of actions implemented to conserve and/or restore them (Criterion 6.6);

- vi. Water courses, water bodies, water quantity and water quality and the effectiveness of actions implemented to conserve and/or restore them (Criterion 6.7);
- vii. Landscape values and the effectiveness of actions implemented to maintain and/or restore them (Criterion 6.8);
- viii. Conversion of natural forest to plantations or conversion to non-forest (Criterion 6.9);
- ix. The status of plantations established after 1994 (Criterion 6.10); and
- x. High Conservation Values 1 to 4 identified in Criterion 9.1 and the effectiveness of actions implemented to maintain and/or enhance them.

**Annex H Intact Forest Landscape core areas (Principle 9)**

Not applicable. Intact Forest Landscapes as defined in the FSC International Generic Indicators and by Global Forest Watch are not present in Jamaica.

**Annex I Strategies for maintaining High Conservation Values (Principle 9)**

Not applicable, as the strategies outlined here are included in the HCV Framework at Annex J.

## Annex J High Conservation Values framework (Principle 9)

The objective of this High Conservation Value (HCV) Framework is to provide nationally specific interpretations of HCVs and Best Available Information for addressing HCVs.

This National HCV Framework is to be used by accredited certification bodies and The Organization.

The HCV interpretations and Best Available Information provided in this Framework are not necessarily exhaustive; additional examples of HCV occurrences may exist and shall be identified at the forest management unit scale.

The national or regional interpretations of the HCV categories and elements apply to all organizations, wherever occurrences of those HCVs may exist. Conversely, the Best Available Information for addressing those HCV interpretations may vary, depending on whether the certificate holder is a SLIMF or non-SLIMF, as indicated in the Framework.

The Organization shall carry out the assessment to identify HCV and High Conservation Value Areas before implementing the proposed activities or operations in the management area. The results of this assessment should be incorporated into responsible land use management in conformance with the Principles and Criteria of the Interim Forest Stewardship Standard for Jamaica.

### Overarching Best Available Information

The following table shows the types of overarching Best Available Information (BAI) that is applicable for assessments for all HCVs, specific categories of HCV, or specific HCV elements. The purpose of listing this overarching BAI here is to avoid having to list it repetitively for each HCV in the following sections. BAI that is more specific to individual HCV Interpretations is included alongside those Interpretations in the following sections.

#### A. Overarching Best Available Information for HCV Identification and Assessments

Best Available Information for Identifying and Assessing Regional or National HCV Interpretations		BAI >SLIMF	BAI SLIMF
<p><b>All HCV Categories:</b></p> <p><b>All Elements</b></p>	<p>Data, facts, documents, expert opinions, and results of field surveys or consultations with stakeholders that are most credible, accurate, complete, and/or pertinent and that can be obtained through reasonable effort and cost, subject to the scale and intensity of the management activities and the Precautionary Approach.</p> <p>High Conservation Value surveys of the Management Unit; relevant databases and maps; culturally appropriate engagement with affected rights holders, affected and interested stakeholders, and relevant local and regional experts; FSC Guidelines for the Implementation of Free, Prior and Informed Consent (2021); review of the results by knowledgeable expert(s) independent of The Organization.</p>	X	X

<b>Best Available Information for Identifying and Assessing Regional or National HCV Interpretations</b>		<b>BAI &gt;SLIMF</b>	<b>BAI SLIMF</b>
<b>HCV 2: Element 1, IFLs</b>	Not applicable.		
<b>HCV 5: Element 1, Values fundamental to local communities</b>	Culturally appropriate engagement with local communities. Note this shall be the primary BAI for these elements.	X	X
<b>HCV 5: Element 2, Values fundamental to Indigenous Peoples</b>	Not applicable.		
<b>HCV 6: Element 2, Values important to local communities</b>	Culturally appropriate engagement with local communities. Note this shall be the primary BAI for these elements.	X	X
<b>HCV 6: Element 3, Values important to Indigenous Peoples</b>	Not applicable.		



## B. Overarching Best Available Information for Development of Management Strategies

The following table shows the types of overarching Best Available Information (BAI) that is applicable for the development of management strategies of all HCVs, specific categories of HCVs, or specific HCV elements. The purpose of listing this overarching BAI here is to avoid having to list it repetitively for each HCV in the following sections. BAI that is more specific to individual HCV Interpretations is included alongside those Interpretations in the following sections.

<b>Best Available Information for Developing Management Strategies for Regional or National HCV Interpretations</b>		<b>BAI &gt;SLIMF</b>	<b>BAI SLIMF</b>
<b>All HCV Categories, All Elements</b>	<p>Identification of threats, using: Data, facts, documents, expert opinions, and results of field surveys or consultations with stakeholders that are most credible, accurate, complete, and/or pertinent and that can be obtained through reasonable effort and cost, subject to the scale and intensity of the management activities and the Precautionary Approach.</p> <p>Engagement with affected rights holders, affected and interested stakeholders, and experts.</p>	X	X
<b>HCV 5: Element 1, Values fundamental to Local communities</b>	Culturally appropriate engagement with local communities. Note this shall be the primary BAI for these elements. Note the “fundamentality” of the Resource should be determined in collaboration with the local communities.	X	X
<b>HCV 5: Element 2, Values fundamental to Indigenous Peoples</b>	Not applicable.		
<b>HCV 6: Element 2, Values important to local communities</b>	Culturally appropriate engagement with local communities. Note this shall be the primary BAI for these elements. Note that “critical... importance” should be understood as an outcome of engagement with the local communities.	X	X
<b>HCV 6: Element 3, Values important to Indigenous Peoples</b>	Not applicable.		

**C. Overarching Best Available Information for Development of Monitoring Methodologies**

The following table shows the types of overarching Best Available Information (BAI) that is applicable for the monitoring of all HCVs, specific categories of HCVs, or specific HCV elements. The purpose of listing this overarching BAI here is to avoid having to list it repetitively for each HCV in the following sections. BAI that is more specific to individual HCV Interpretations is included alongside those Interpretations in the following sections.

<b>Best Available Information for Monitoring Regional or National HCV Interpretations</b>		<b>BAI &gt;SLIMF</b>	<b>BAI SLIMF</b>
<b>All HCV Categories, All Elements</b>	Engagement with rights-holders, consistent with Criteria 4.5 and 4.7; culturally appropriate engagement with affected and interested stakeholders; information on engaging with representatives of the local communities; monitoring conducted by the local communities; and engagement with experts.	X	X

**HCV 1 – Species diversity. Concentrations of biological diversity including endemic species, and rare, threatened or endangered species, that are significant at global, regional or national levels**

**A. Interpretations of HCV 1, for HCV Identification**

(See also the Overarching BAI, Section A.)

**Element 1: Concentrations of biological diversity that are significant at global, regional, or national levels:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Protected areas, including: Forest Reserves, National Parks, Environmental Protection Areas, National Monuments, Protected National Heritage sites, Game Reserves, Game Sanctuaries. Also, Fish Sanctuaries, Marine Parks, and Special Fishery Conservation Areas, inasmuch as they may be affected by coastal and upland resource management.	See the responsible agencies, i.e.,: Forestry Department (FD); National Environment & Planning Agency (NEPA); Fisheries Division; and National Heritage Trust. For a map of Forest Reserves, see the link in References below.	X	X
Proposed new and expanded protected areas identified by the National Ecological Gap Assessment Report. (These areas also roughly correspond to Key Biodiversity Areas.)	See Map 1.0 (page ix) and Tables 8 and 9 in EWG (2009) (see References below).	X	X

**Element 2: Concentrations of endemic species that are significant at global, regional, or national levels:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Per the precautionary approach, protected areas and proposed new and expanded protected areas should be considered to host concentrations of endemic species, pending further assessment.	See the BAI for Element 1 above.	X	X
Per the precautionary approach, other remaining natural forests and ecosystems should be expected to host significant concentrations endemic species, pending further assessment. Including but not limited to trees, other plants, birds, bats, amphibians, reptiles, land snails, freshwater mollusks.	Field surveys and assessments. For lists of endemic species, see the IUCN Red List, and consult NEPA and the Institute of Jamaica. For lists of bird species, see also Gerbracht et al (2021). For lists of trees, see also BGCI (2021). (See References below.)	X	X

**Element 3: Concentrations of rare, threatened, or endangered species that are significant at global, regional, or national levels:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Alliance for Zero Extinction (AZE) sites: Cockpit Country (for leaf mimic frog, <i>Pseudorhombus alata</i> cactus, and <i>Eleutherodactylus griffiths</i> frog); Point Hill (for Jamaican greater funnel ear bat); Hellshire Hills (for Jamaican iguana). Portland Ridge & Bight (for Portland cave robber or ridge frog); Blue & John Crow Mountains (for yacca tree and Jamaican petrel).	For a map of the sites, see Alliance for Zero Extinction (see References below). (Note that some sites are larger than the protected areas of the same name.)	X	X
RTE species that are national conservation targets or especially vulnerable to climate change, e.g.: Jamaican Iguana, giant swallowtail, yellow-billed parrot, Jamaican boa, hutia, Portland Ridge frog, cricket lizard, loggerhead turtle, hawksbill turtle, blue-tailed galliwasp, West Indian whistling duck, bridled tern, green turtle, Jamaican slider turtle, black rail, Jamaican blackbird.			
Other significant occurrences of terrestrial and freshwater plant or animal species listed by the IUCN Red List, CITES, or national lists as Vulnerable, Endangered, Critically Endangered, or Near Threatened. Including occurrences of: any Critically Endangered species, more than 1% of a listed species' population, several or more listed species, and/or listed species in special ecological niches, e.g., wide-ranging carnivores, keystone species, umbrella species, species with very small populations or ranges, and other conservation priority species.	For lists of rare, threatened, and endangered species, see the IUCN Red List, and consult NEPA and the Institute of Jamaica. For lists of bird species, see also Gerbracht et al (2021). For lists of trees, see also BGCI (2021). (See References below.)	X	X

**B. Assessments for HCV 1**

(See also the Overarching BAI, Section A.)

**National or regionally appropriate methodologies and Best Available Information for assessments for HCV 1:**

National or regional methodologies for assessing occurrences of the HCV 1 interpretations:	Best Available Information for assessing occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For protected areas: Confirm whether policies and practices effectively protect the area and its HCVs.	For examples of threats to selected protected areas, see Table 1 in PAC (2013).		
For endemic, rare, threatened, and endangered species.	Consider any information available from NEPA and the Institute of Jamaica.	X	X
For endemic species: “Significant concentrations” include occurrences of species that are Vulnerable, Endangered, Critically Endangered, or Near Threatened, and/or populations of multiple endemic species.			
For additional guidance in identifying and assessing other examples of HCV 1 that may exist in the management unit, consider: FSC (2020) and HCVRN (2017) (e.g., Chapter 2, Best Practice Considerations for HCV Assessments, and Chapter 3.1, Identification of HCV 1)			

**C. Strategies for Maintaining and Enhancing HCV 1**

See also the Overarching BAI, Section B.)

**Management strategies for HCV 1:**

National or regional strategies for maintaining and/or enhancing the HCV 1 interpretations:	Best Available Information for management strategies for these interpretations:	BAI >SLIMF	BAI SLIMF
For all HCV 1 Interpretations: Protection zones, harvest prescriptions, and/or other strategies to protect threatened, endangered, endemic species, or other concentrations of biological diversity and the ecological communities and habitats upon which they depend, sufficient to prevent reductions in the extent, integrity, quality, and viability of the habitats and species occurrences.			

National or regional strategies for maintaining and/or enhancing the HCV 1 interpretations:	Best Available Information for management strategies for these interpretations:	BAI >SLIMF	BAI SLIMF
For all HCV 1 Interpretations: Where enhancement is identified as the objective, measures to develop, expand, and/or restore habitats for such species.			
For protected areas: Develop and implement management and enforcement plans; improve boundary demarcation; prevent unauthorized hunting, tree cutting, fuelwood cutting, mining, and squatting; prevent encroachment by development, agriculture, and other drivers of deforestation and habitat degradation.	For management recommendations for selected protected areas, consider Section 5.2 (page 52) of PAC (2013) (see References below).		
In areas adjacent to protected areas: Provide buffer zones, and coordinate with protected area managers to help restrict unauthorized activities.			
For endemic, rare, threatened, or endangered tree species: Protect trees from unauthorized harvest, and manage the area to support the species' survival and recovery.			
For Jamaican iguana, American crocodile, Jamaican boa, sea turtle, swallowtail butterfly, yellow-billed and black billed parrots, bats, and other species of concern.	See NEPA for recovery plans and other management guidance.	X	X
Where invasive animals, trees, or other species are a threat: Adopt and implement plans to prevent and minimize the invasive species' introduction, and for their control and (where feasible) eradication.	See also invasive species management guidance from NEPA.	X	X
For additional guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 2).			

#### D. Monitoring for HCV 1

(See also the Overarching BAI, Section C.)

#### Methodologies and Best Available Information for monitoring programs for HCV 1:

National or regional methodologies for monitoring occurrences of the HCV 1 interpretations:	Best Available Information for monitoring occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For monitoring guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 3).	For some species, monitoring protocols may be available from NEPA.		

**HCV 2 – Landscape-level ecosystems and mosaics. Intact forest landscapes and large landscape-level ecosystems and ecosystem mosaics that are significant at global, regional or national levels, and that contain viable populations of the great majority of the naturally occurring species in natural patterns of distribution and abundance.**

**A. Interpretations of HCV 2, for HCV Identification**

(See also the Overarching BAI, Section A.)

**Element 1: Intact forest landscapes:**

<b>National or regional interpretations of this HCV element:</b>	<b>Best Available Information for identifying occurrences of this interpretation:</b>	<b>BAI &gt;SLIMF</b>	<b>BAI SLIMF</b>
Not applicable. Intact Forest Landscapes as defined in the FSC International Generic Indicators and by Global Forest Watch are not present in Jamaica.			

**Element 2: Large landscape-level ecosystems that are significant at global, regional or national levels, and that contain viable populations of the great majority of the naturally occurring species in natural patterns of distribution and abundance:**

<b>National or regional interpretations of this HCV element:</b>	<b>Best Available Information for identifying occurrences of this interpretation:</b>	<b>BAI &gt;SLIMF</b>	<b>BAI SLIMF</b>
Important wetlands, e.g., RAMSAR sites, including Black River Lower Morass and the Mason River Protected Area.	For lists and maps of RAMSAR sites, see RSIS (2021) (see References below)	X	X
(Note that some HCV 1 protected areas and proposed new/expanded protected areas are also likely HCV 2. Examples include but are not limited to Cockpit Country, Blue & John Crow Mountains NP, and neighboring areas.)			

**Element 3: Ecosystem mosaics that are significant at global, regional or national levels, and that contain viable populations of the great majority of the naturally occurring species in natural patterns of distribution and abundance:**

<b>National or regional interpretations of this HCV element:</b>	<b>Best Available Information for identifying occurrences of this interpretation:</b>	<b>BAI &gt;SLIMF</b>	<b>BAI SLIMF</b>
Per the precautionary principle, consider as possible HCV Areas: Habitat connectivity corridors between protected areas and/or other HCV 1 occurrences, especially river corridors from headwaters to the coast.			
(Note that RAMSAR sites are also likely to comprise ecosystem mosaics.)			

## B. Assessments for HCV 2

(See also the Overarching BAI, Section A.)

### National or regionally appropriate methodologies and Best Available Information for assessments for HCV 2:

National or regional methodologies for assessing occurrences of the HCV 2 interpretations:	Best Available Information for assessing occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For RAMSAR sites.	For a summary of some of the areas' features and values, see the information at RSIS (2021) (see References below).		
For additional guidance in identifying and assessing other examples of HCV 2 that may exist in the management unit, consider: FSC (2020) and HCVRN (2017) (e.g., Chapter 2, Best Practice Considerations for HCV Assessments, and Chapter 3.2, Identification of HCV 2).			

## C: Strategies for Maintaining and Enhancing HCV 2

(See also the Overarching BAI, Section B.)

### Management strategies for HCV 2:

National or regional strategies for maintaining and/or enhancing the HCV 2 interpretations:	Best Available Information for management strategies for these interpretations:	BAI >SLIMF	BAI SLIMF
For all HCV 2 Interpretations: Strategies that fully maintain the extent and intactness of the forest ecosystems and the viability of their biodiversity concentrations, including plant and animal indicator species, keystone species, and/or guilds associated with large intact natural forest ecosystems. Examples include protection zones and set-aside areas, with any commercial activity in areas that are not set-aside being limited to low-intensity operations that fully maintain forest structure, composition, regeneration, and disturbance patterns at all times.			
For all HCV 2 Interpretations: Where enhancement is identified as the objective, measures to restore and reconnect forest ecosystems, their intactness, and habitats that support natural biological diversity are in place.			
For additional guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 2).			



## D. Monitoring for HCV 2

(See also the Overarching BAI, Section C.)

### Methodologies and Best Available Information for monitoring programs for HCV 2:

National or regional methodologies for monitoring occurrences of the HCV 2 interpretations:	Best Available Information for monitoring occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For monitoring guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 3).			

## HCV 3 – Ecosystems and habitats. Rare, threatened, or endangered ecosystems, habitats or refugia.

### A. Interpretations of HCV 3, for HCV Identification

(See also the Overarching BAI, Section A.)

#### Element 1: Rare, threatened, or endangered ecosystems:

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Per the precautionary approach, remaining natural forests, primary forest remnants, and wetlands should be considered RTE ecosystems, pending further assessment. Including remaining examples of short open dry forest, tall open dry forest, wet limestone forest, shale forest, and mangroves and other alluvial and wetland forest.			
Caribbean Coral Reefs, inasmuch as they may be affected by management of coastlines and freshwater watersheds.			
Other ecosystems in the IUCN Red List, if any are designated in the future. (None are currently designated).	IUCN Red List of Ecosystems (see References below).		

**Element 2: Rare, threatened, or endangered habitats:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Habitat types that are very limited in extent and/or threatened, e.g., cloud forests in the Blue Mountains.			
Per the precautionary approach, protected areas and proposed new/expanded protected areas should be considered to include RTE habitats, pending further assessment. (See HCV 1 above).			

**Element 3: Refugia:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Areas important for migratory species, e.g., wetlands, wintering habitat for Boreal songbirds, etc.	For Winter habitat areas for Bicknell's thrush, see Databasin (2019) and McFarland et al (2013) (see References below).		
(Note that some HCV 1 protected areas are also refugia, e.g., Blue&John Crow Mountains NP and Cockpit Country.)			

**B. Assessments for HCV 3**

(See also the Overarching BAI, Section A.)

**National or regionally appropriate methodologies and Best Available Information for assessments for HCV 3:**

National or regional methodologies for assessing occurrences of the HCV 3 interpretations:	Best Available Information for assessing occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For guidance in identifying and assessing other examples of HCV 3 that may exist in the management unit, consider: FSC (2020) and HCVRN (2017) (e.g., Chapter 2, Best Practice Considerations for HCV Assessments, and Chapter 3.3, Identification of HCV 3).			

### C: Strategies for Maintaining and Enhancing HCV 3

(See also the Overarching BAI, Section B.)

#### Management strategies for HCV 3:

National or regional strategies for maintaining and/or enhancing the HCV 3 interpretations:	Best Available Information for management strategies for these interpretations:	BAI >SLIMF	BAI SLIMF
For all HCV 3 Interpretations: Strategies that fully maintain the extent and integrity of rare or threatened ecosystems, habitats, or refugia.			
For all HCV 3 Interpretations: Where enhancement is identified as the objective, measures to restore and/or develop rare or threatened ecosystems, habitats, or refugia are in place.			
For mangroves and other alluvial and wetland forests.	See NEPA for management guidance. Consider also John (2006) (see References below).	X	X
For Caribbean Coral Reefs: Ensure that inland and upstream management maintains the quality and quantity of freshwater and nutrient inputs, and maintains mangroves and other supporting ecosystems.			
Where invasive animals, trees, or other species are a threat: See the Strategies at HCV 1.			
For additional guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 2).			

### D. Monitoring for HCV 3

(See also the Overarching BAI, Section C.)

#### Methodologies and Best Available Information for monitoring programs for HCV 3:

National or regional methodologies for monitoring occurrences of the HCV 3 interpretations:	Best Available Information for monitoring occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For monitoring guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 3).			

**HCV 4 – Critical ecosystem services. Basic ecosystem services in critical situations, including protection of water catchments and control of erosion of vulnerable soils and slopes.**

**A. Interpretations of HCV 4, for HCV Identification**

(See also the Overarching BAI, Section A.)

**Element 1: Water catchments in critical situations:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Cockpit Country and other forested watersheds that are a primary source of major rivers and water resources at the regional or local scale.			
Rivers, streams, aquifers, and other water sources relied upon by local communities for drinking water, irrigation, or other daily uses, or that are otherwise a priority for water provisioning. (See also HCV 5.)	See the BAI for HCV 5.		

**Element 2: Control of erosion of vulnerable soils and slopes in critical situations:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Landslide and flood prone areas, especially those with runouts likely to affect populated areas, and other vulnerable soils and slopes in critical situations.	Forestry Department (FD). NEPA.	X	

**Element 3: Other ecosystem services in critical situations:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Mangroves and other alluvial and wetland forests, including for their role in supporting fisheries and other wildlife, buffering against storms and seawater intrusion, and storing carbon.			
Per the precautionary approach and pending further assessment, protected areas and proposed new/expanded protected areas should be considered to provide valuable ecosystem services, e.g., recreational opportunities, water quality, soil/slope stabilization, etc. (See HCV 1 above).	For recreational values associated with Forest Reserves and other areas, see the Jamaica National Heritage Trust (JNHT).		

**B. Assessments for HCV 4**

(See also the Overarching BAI, Section A.)

**National or regionally appropriate methodologies and Best Available Information for assessments for HCV 4:**

National or regional methodologies for assessing occurrences of the HCV 4 interpretations:	Best Available Information for assessing occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For water catchments critical to local communities.	See the BAI for HCV 5.		
For guidance in identifying and assessing other examples of HCV 4 that may exist in the management unit, consider: FSC (2020) and HCVRN (2017) (e.g., Chapter 2, Best Practice Considerations for HCV Assessments, and Chapter 3.4, Identification of HCV 4).			
The FSC Ecosystem Services Procedure (FSC, 2019 and 2021b) may also provide helpful guidance.			

**C: Strategies for Maintaining and Enhancing HCV 4**

(See also the Overarching BAI, Section B.)

**Management strategies for HCV 4:**

National or regional strategies for maintaining and/or enhancing specific HCV 4 interpretations:	Best Available Information for management strategies for these interpretations:	BAI >SLIMF	BAI SLIMF
For water catchments of importance to local communities located within or downstream of the Management Unit, and areas within the unit that are particularly unstable or susceptible to erosion: Protection zones, harvest prescriptions, chemical use restrictions, and/or prescriptions for road construction and maintenance, to protect water catchments and upstream and upslope areas. Where enhancement is identified as the objective, measures to restore water quality and quantity are in place.			
For climate regulation: Strategies to maintain or enhance carbon sequestration and storage are in place.			
For mangroves and other alluvial and wetland forests.	See the BAI for HCV 3 above.		
For trails and other recreational values.	JNHT.		
For additional guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 2).			

**D. Monitoring for HCV 4**

(See also the Overarching BAI, Section C.)

**Methodologies and Best Available Information for monitoring programs for HCV 4:**

National or regional methodologies for monitoring occurrences of the HCV 4 interpretations:	Best Available Information for monitoring occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For monitoring guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 3).			
The FSC Ecosystem Services Procedure (FSC, 2019 and 2021b) may also provide helpful guidance.			

**HCV 5 – Community needs. Sites and resources fundamental for satisfying the basic necessities of local communities or Indigenous Peoples (for livelihoods, health, nutrition, water, etc.), identified through engagement with these communities or Indigenous Peoples.**

**A. Interpretations of HCV 5, for HCV Identification**

(See also the Overarching BAI, Section A.)

**Element 1: Sites and resources fundamental for satisfying the basic necessities of local communities (for livelihoods, health, nutrition, water, etc.):**

<b>National or regional interpretations of this HCV element:</b>	<b>Best Available Information for identifying occurrences of this interpretation:</b>	<b>BAI &gt;SLIMF</b>	<b>BAI SLIMF</b>
Watersheds, rivers, streams, and other sources of water for drinking, other daily use, or irrigation.	Culturally appropriate engagement with the local communities.	X	X
Hunting grounds, fisheries, fuelwood, plants, and growing areas used for subsistence in local communities (not inclusive of poaching, illegal harvest, wildlife hunting for non-local trade, unsustainable harvest levels, or harvest that harms RTEs or other HCVs).	Culturally appropriate engagement with the local communities.	X	X
Other sites and resources from which local communities satisfy basic needs.	Culturally appropriate engagement with the local communities.	X	X
For all HCV Interpretations	Supplemental BAI may include databases, maps, and community development organizations and professionals.		

**Element 2: Sites and resources fundamental for satisfying the basic necessities of Indigenous Peoples (for livelihoods, health, nutrition, water, etc.):**

<b>National or regional interpretations of this HCV element:</b>	<b>Best Available Information for identifying occurrences of this interpretation:</b>	<b>BAI &gt;SLIMF</b>	<b>BAI SLIMF</b>
Watersheds, rivers, streams, and other sources of water for drinking, other daily use, or irrigation.	Culturally appropriate engagement with the Indigenous Peoples.	X	X
Hunting grounds, fisheries, fuelwood, plants, and growing areas used for subsistence in local communities (not inclusive of poaching, illegal harvest, wildlife hunting for non-local trade, unsustainable harvest levels, or harvest that harms RTEs or other HCVs).	Culturally appropriate engagement with the Indigenous Peoples.	X	X
Other sites and resources from which local communities satisfy basic needs.	Culturally appropriate engagement with the Indigenous Peoples.	X	X

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
For all HCV Interpretations	Supplemental BAI may include databases, maps, and organizations that represent or provide services for Indigenous Peoples. See also the Overarching BAI.		

**B. Assessments for HCV 5**

(See also the Overarching BAI, Section A.)

**National or regionally appropriate methodologies and Best Available Information for assessments for HCV 5:**

National or regional methodologies for assessing occurrences of the HCV 5 interpretations:	Best Available Information for assessing occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For all HCV 5 Interpretations: Use culturally appropriate engagement, per the Overarching BAI, Section A. Also consider participatory mapping with the local communities.	The local communities.	X	X
Consider whether specific levels and practices of hunting, fishing, fuelwood harvest, other forest utilization are sustaining the resource, and also avoiding harm to biodiversity and other HCVs.			
For additional guidance on assessing HCV 5, consider: FSC (2020) and HCVRN (2017) (e.g., Chapter 2, Best Practice Considerations for HCV Assessments, and Chapter 3.5, Identification of HCV 5).			



### C: Strategies for Maintaining and Enhancing HCV 5

(See also the Overarching BAI, Section B.)

#### Management strategies for HCV 5:

National or regional strategies for maintaining and/or enhancing the HCV 5 interpretations:	Best Available Information for management strategies for these interpretations:	BAI >SLIMF	BAI SLIMF
For all HCV 5 Interpretations: Strategies to protect the community's needs in relation to the Management Unit are developed in cooperation with representatives and members of local communities. (Note that strategies should not include maintaining specific levels or practices of fuelwood harvest, squatting, or other forest utilization that do not sustain the resource or that harm biodiversity or other HCVs.)	The local communities.	X	X
For additional guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 2).			

### D. Monitoring for HCV 5

(See also the Overarching BAI, Section C.)

#### Methodologies and Best Available Information for monitoring programs for HCV 5:

National or regional methodologies for monitoring occurrences of the HCV 5 interpretations:	Best Available Information for monitoring occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
Monitoring conducted by the local communities, or using methodologies otherwise developed in cooperation with them through culturally appropriate engagement.			
For additional guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 3).			

**HCV 6 – Cultural values. Sites, resources, habitats and landscapes of global or national cultural, archaeological or historical significance, and/or of critical cultural, ecological, economic or religious/sacred importance for the traditional cultures of local communities or Indigenous Peoples, identified through engagement with these local communities or Indigenous Peoples.**

**A. Interpretations of HCV 6, for HCV Identification**

(See also the Overarching BAI, Section A.)

**Element 1: Sites, resources, habitats and landscapes of global or national cultural, archaeological or historical significance:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Internationally or nationally important archaeological or historical sites and resources, e.g., caves containing Taíno or pre-Taíno archaeological features, other sites with Taíno petroglyphs.	Jamaica National Heritage Trust (JNHT).	X	X
Other cultural and heritage sites in Forest Reserves and other areas.	JNHT.	X	X

**Element 2: Sites, resources, habitats and landscapes of critical cultural, ecological, economic or religious/sacred importance for the traditional cultures of local communities:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Sites, resources, habitats, or landscapes of cultural, ecological, economic, or religious/sacred importance to local communities.	Culturally appropriate engagement with the local communities.	X	X
For all Interpretations	Supplemental BAI may include databases, maps, and experts, e.g., community development organizations.		

**Element 3: Sites, resources, habitats and landscapes of critical cultural, ecological, economic or religious/sacred importance for the traditional cultures of Indigenous Peoples:**

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
Sites, resources, habitats, or landscapes of cultural, ecological, economic, or religious/sacred importance to local communities.	Culturally appropriate engagement with the Indigenous Peoples.	X	X

National or regional interpretations of this HCV element:	Best Available Information for identifying occurrences of this interpretation:	BAI >SLIMF	BAI SLIMF
For all Interpretations	Supplemental BAI may include databases, organizations that represent or provide services for Indigenous Peoples, and archaeologists and anthropologists.		

## B. Assessments for HCV 6

(See also the Overarching BAI, Section A.)

### National or regionally appropriate methodologies and Best Available Information for assessments for HCV 6:

National or regional methodologies for assessing occurrences of the HCV 6 interpretations:	Best Available Information for assessing occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For Interpretations for Element 2 HCVs important to local communities.	The local communities.	X	X
For additional guidance on assessing HCV 5, consider: FSC (2020) and HCVRN (2017) (e.g., Chapter 2, Best Practice Considerations for HCV Assessments, and Chapter 3.5, Identification of HCV 5).			

## C: Strategies for Maintaining and Enhancing HCV 6

(See also the Overarching BAI, Section B.)

### Management strategies for HCV 6:

National or regional strategies for maintaining and/or enhancing the HCV 6 interpretations:	Best Available Information for management strategies for these interpretations:	BAI >SLIMF	BAI SLIMF
For HCV occurrences related to local communities: Strategies to protect the cultural values are developed in cooperation with representatives and members of the local communities.	The local communities.	X	X
For other HCV occurrences (i.e., those identified primarily due to global or national significance), strategies are based on Best Available Information, and considered effective for maintaining and/or enhancing the HCV.			
For archaeological, historical, and other cultural and heritage sites.	Consult with Jamaica National Heritage Trust (JNHT).	X	X

National or regional strategies for maintaining and/or enhancing the HCV 6 interpretations:	Best Available Information for management strategies for these interpretations:	BAI >SLIMF	BAI SLIMF
For additional guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 2).			

#### D. Monitoring for HCV 6

(See also the Overarching BAI, Section C.)

#### Methodologies and Best Available Information for monitoring programs for HCV 6:

National or regional methodologies for monitoring occurrences of the HCV 6 interpretations:	Best Available Information for monitoring occurrences of these interpretations:	BAI >SLIMF	BAI SLIMF
For HCV occurrences related to local communities: Monitoring conducted by the local communities, or using methodologies otherwise developed in cooperation with them through culturally appropriate engagement.			
For additional guidance, consider: FSC (2020) and HCVRN (2018) (e.g., Part 3)			

#### Examples of Relevant Stakeholders and Experts

This is a list of stakeholder and expert organizations likely to be especially relevant to HCV assessments, strategies, and/or monitoring, either in general, or for particular HCV categories or elements. The list is not exhaustive, may need to change over time, and can be updated by standards developers. Where additional stakeholders and experts are relevant to specific management units, they should also be identified and considered by managers.

##### Environmental Stakeholders:

- Birdlife Jamaica
- The Nature Conservancy, Jamaica

##### Social Stakeholders and Community Development Organizations:

- Local Forest Management Committees (LFMCs)

##### Other Expert Organizations – Environmental:

- BirdsCaribbean (formerly Society for the Conservation and Study of Caribbean Birds)
- Environmental Foundation of Jamaica
- Institute of Jamaica, Biodiversity Information Network
- Jamaica Conservation & Development Trust (including re. Blue & John Crow Mountains)
- Windsor Research Centre (including re. Cockpit Country and surrounding areas)

- University of the West Indies, Mona, Department of Life Sciences and Climate Studies Group

**Other Expert Organizations – Sociology:**

- Caribbean Natural Resources Institute (CANARI)
- Jamaica National Heritage Trust (JNHT)
- United Confederation of Taino People

**Other Expert Organizations – Archaeology:**

- International Association of Archeology of the Caribbean
- Jamaica National Heritage Trust (JNHT)
- Smithsonian’s Caribbean Indigenous Legacies Project (CILP)

**Government Agencies:**

- Forestry Department of Jamaica (FD)
- Jamaica National Heritage Trust (JNHT)
- National Environment & Planning Agency (NEPA)
- Water Resources Authority

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(Relevant references may include weblinks or full references for BAI listed above, as well as supporting references for HCV Interpretations.)

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## Annex K Glossary of terms

Normative definitions for terms are given in FSC-STD-01-002 FSC Glossary of Terms apply. This glossary includes internationally accepted definitions whenever possible. These sources include, for instance, the Food and Agriculture Organization of the United Nations (FAO), the Convention on Biological Diversity (1992), the Millennium Ecosystem Assessment (2005) as well as definitions from online glossaries as provided on the websites of the World Conservation Union (IUCN), the International Labour Organization (ILO) and the Invasive Alien Species Programme of the Convention on Biological Diversity. When other sources have been used they are referenced accordingly.

The term 'based on' means that a definition was adapted from an existing definition as provided in an international source.

Words used in the International Generic Indicators, if not defined in this Glossary of Terms or other normative FSC documents, are used as defined in the Shorter Oxford English Dictionary or the Concise Oxford Dictionary.

**Active ingredient:** Part of the product that provides the pesticidal action (Source: FAO International Code of Conduct on Pesticide Management).

**Adaptive management:** A systematic process of continually improving management policies and practices by learning from the outcomes of existing measures (Source: FSC-STD-01-001 V5-2, based on International Union for Conservation of Nature (IUCN). Glossary definitions as provided on IUCN website).

### Additionality:

- **Additionality outside the Management Unit:** Conservation and/or restoration outcomes over and above those already achieved or planned to be achieved, and that would not have been achieved without the support and/or intervention of the organization.

Projects must either be new (i.e., not already being implemented or planned), amended or extended so that conservation and/or restoration outcomes are enhanced beyond what would have been achieved, or planned or funded to be achieved without The Organization planning to remedy for historical conversion.

- **Additionality inside the Management Unit:** Conservation and/or restoration outcomes above and beyond those required by the applicable FSC standards.

**Affected Rights Holder:** Persons and groups, including Indigenous Peoples, traditional peoples and local communities with legal or customary rights whose Free, Prior and Informed Consent is required to determine management decisions (Source: (Source: FSC-STD-60-004 V2-0).

**Affected stakeholder:** Any person, group of persons or entity that is or is likely to be subject to the effects of the activities of a Management Unit. Examples include, but are not restricted to (for example in the case of downstream landowners), persons, groups of persons or entities located in the neighborhood of the Management Unit. The following are examples of affected stakeholders:

- Local communities
- Indigenous Peoples
- Workers
- Forest dwellers
- Neighbours
- Downstream landowners



- Local processors
  - Local businesses
  - Tenure and use rights holders, including landowners
  - Organizations authorized or known to act on behalf of affected stakeholders, for example social and environmental NGOs, labor unions, etc.
- (Source: FSC-STD-01-001 V5-2).

**Affirmative action:** A policy or a program that seeks to redress past discrimination through active measures to ensure equal opportunity, as in education and employment (Source: FSC report on generic criteria and indicators based on ILO Core Conventions principles, 2017).

**Alien species:** A species, subspecies or lower taxon, introduced outside its natural past or present distribution; includes any part, gametes, seeds, eggs, or propagules of such species that might survive and subsequently reproduce (Source: FSC-STD-01-001 V5-2, based on Convention on Biological Diversity (CBD), Invasive Alien Species Programme. Glossary of Terms as provided on CBD website).

**Applicable law:** Means applicable to The Organization as a legal person or business enterprise in or for the benefit of the Management Unit and those laws which affect the implementation of the FSC Principles and Criteria. This includes any combination of statutory law (Parliamentary-approved) and case law (court interpretations), subsidiary regulations, associated administrative procedures, and the national constitution (if present) which invariably takes legal precedence over all other legal instruments (Source: FSC-STD-01-001 V5-2).

**Aquifer:** A formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs for that unit to have economic value as a source of water in that region. (Source: Gratzfeld, J. 2003. Extractive Industries in Arid and Semi-Arid Zones. World Conservation Union (IUCN)).

**Best Available Information:** Data, facts, documents, expert opinions, and results of field surveys or consultations with stakeholders that are most credible, accurate, complete, and/or pertinent and that can be obtained through reasonable effort and cost, subject to the scale and intensity of the management activities and the Precautionary Approach (Source: FSC-STD-60-004 V2-0).

**Binding Agreement:** A deal or pact, written or not, which is compulsory to its signatories and enforceable by law. Parties involved in the agreement do so freely and accept it voluntarily (Source: FSC-STD-60-004 V2-0).

**Biological control agents:** Organisms used to eliminate or regulate the population of other organisms (Source: FSC-STD-60-004 V2-0, based on International Union for Conservation of Nature (IUCN). Glossary definitions as provided on IUCN website).

**Biological diversity:** The variability among living organisms from all sources including, inter alia, terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are a part; this includes diversity within species, between species and of ecosystems (Source: FSC-STD-60-004 V2-0, based on Convention on Biological Diversity (CBD) 1992, Article 2).

**Chemical pesticide:** Synthetically produced pesticide (Source: FSC-POL-30-001 V3-0).

**Child:** any person under the age of 18 (Source: FSC-STD-60-004 V2-0, based on International Labour Organization (ILO) Convention 182, Article 2).

**Collective bargaining:** a voluntary negotiation process between employers or employers' organization and workers' organization\*, with a view to the regulation of terms and conditions of employment by means of collective agreements (Source: FSC-STD-60-004 V2-0, based on International Labour Organization (ILO) Convention 98, Article 4).

**Confidential information:** Private facts, data and content that, if made publicly available, might put at risk The Organization, its business interests or its relationships with stakeholders, clients and competitors (Source: FSC-STD-60-004 V2-0).

**Conflicts between the Principles and Criteria and laws:** Situations where it is not possible to comply with the Principles and Criteria and a law at the same time (Source: FSC-STD-01-001 V5-2).

**Connectivity:** A measure of how connected or spatially continuous a corridor, network, or matrix is. The fewer gaps, the higher the connectivity. Related to the structural connectivity concept; functional or behavioral connectivity refers to how connected an area is for a process, such as an animal moving through different types of landscape elements (Source: FSC-STD-60-004 V2-0, based on R.T.T. Forman. 1995. Land Mosaics. The Ecology of Landscapes and Regions. Cambridge University Press, 632pp). Aquatic connectivity deals with the accessibility and transport of materials and organisms, through groundwater and surface water, between different patches of aquatic ecosystems of all kinds (Source: FSC-STD-60-004 V2-0).

**Conservation Areas Network:** Those portions of the Management Unit for which conservation is the primary and, in some circumstances, exclusive objective; such areas include Representative Sample Areas, conservation zones, Protection Areas, connectivity areas and High Conservation Value Areas (Source: FSC-STD-60-004 V2-0).

**Conservation/Protection:** These words are used interchangeably when referring to management activities designed to maintain the identified environmental or cultural values in existence long-term. Management activities may range from zero or minimal interventions to a specified range of appropriate interventions and activities designed to maintain, or compatible with maintaining, these identified values (Source: FSC-STD-01-001 V5-2).

**Conservation zones and Protection Areas:** Defined areas that are designated and managed primarily to safeguard species, habitats, ecosystems, natural features or other site-specific values because of their natural environmental or cultural values, or for purposes of monitoring, evaluation or research, not necessarily excluding other management activities. For the purposes of the Principles and Criteria, these terms are used interchangeably, without implying that one always has a higher degree of conservation or protection than the other. The term 'protected area' is not used for these areas, because this term implies legal or official status, covered by national regulations in many countries. In the context of the Principles and Criteria, management of these areas should involve active conservation, not passive protection' (Source: FSC-STD-01-001 V5-2).

**Conversion:** A lasting change of natural forest cover or High Conservation Value areas, induced by human activity. This may be characterized by significant loss of species diversity, habitat diversity, structural complexity, ecosystem functionality or Page 85 of 107 International Generic Indicators FSC-STD-60-004 V2-1 EN livelihoods and cultural values. The definition of conversion covers gradual forest degradation as well as rapid forest transformation (Source: FSC-POL-01-007 V1-0).

- **Induced by human activity:** In contrast to drastic changes caused by natural calamities like hurricanes or volcanic eruptions. It also applies in cases of naturally ignited fires where human activities (e.g. draining of peatlands) have significantly increased the risk of fire.
- **Lasting change of natural forest cover:** Permanent or long-term change of natural forest cover. Temporary changes of forest cover or structure (e.g. harvesting followed by regeneration in accordance with the FSC normative framework) is not considered conversion.
- **Lasting change of High Conservation Value (HCV) areas:** Permanent or long term change of any of the High Conservation Values. Temporary changes of HCV areas that do not negatively and permanently impact the values (e.g. harvesting followed by regeneration in accordance with Principle 9) is not considered a lasting change.
- **Significant loss of species diversity:** Loss of species is considered significant where rare species and threatened species or other locally important, keystone and/or flagship species are lost, whether in terms of numbers of individuals or in terms of number of species. This refers to both displacement and extinction.

NOTE: The establishment of ancillary infrastructure necessary to implement the objectives of responsible forest management (e.g. forest roads, skid trails, log landings, fire protection, etc.) is not considered conversion.

**Conversion Threshold:** The point at which degradation and/or clearing has occurred to an extent where recovery to natural forest conditions and/or High Conservation Value Areas is unlikely to be achieved without direct intervention (Source: FSC-POL-01-007 V1-0).

NOTE: Examples of direct intervention include but are not limited to removal of exotic species, physical protection of existing remnant native vegetation, re-wetting of drained soils, reintroduction of appropriate native species, and reintroduction of High Conservation Value species where suitable habitat remains or is re-established

**Core area:** The portion of each Intact Forest Landscape designated to contain the most important cultural and ecological values. Core areas are managed to exclude industrial activity. Core Areas meet or exceed the definition of Intact Forest Landscape (Source: FSC-STD-60-004 V2-0).

**Criterion** (pl. Criteria): A means of judging whether or not a Principle (of forest stewardship) has been fulfilled (Source: FSC-STD-01-001 V4-0).

**Critical:** The concept of criticality or fundamentality in Principal 9 and HCVs relates to irreplaceability and to cases where loss or major damage to this HCV would cause serious prejudice or suffering to affected stakeholders. An ecosystem service is considered to be critical (HCV 4) where a disruption of that service is likely to cause, or poses a threat of, severe negative impacts on the welfare, health or survival of local communities, on the environment, on HCVs, or on the functioning of significant infrastructure (roads, dams, buildings etc.). The notion of criticality here refers to the

importance and risk for natural resources and environmental and socio-economic values (Source: FSC-STD-01-001 V5-2).

**Critical population density:** Maximum acceptable number or density of individuals in a pest population, beyond which the pest threatens the achievement of management Page 86 of 107 International Generic Indicators FSC-STD-60-004 V2-1 EN objectives. Assessment of the critical population density should take into account historical records from the affected area, the type of pest (insects, weeds, pathogens, etc.), and how the pest population is likely to change in relation to its density, including situations in which small populations show a positive relationship between population density and growth rate (the Allee effect). (Based on: International Code of Conduct on the Distribution and use of Pesticides 2006).

**Culturally appropriate [mechanisms]:** Means/approaches for outreach to target groups that are in harmony with the customs, values, sensitivities, and ways of life of the target audience (Source: FSC-STD-60-004 V2-0).

**Customary law:** Interrelated sets of customary rights may be recognized as customary law. In some jurisdictions, customary law is equivalent to statutory law, within its defined area of competence and may replace the statutory law for defined ethnic or other social groups. In some jurisdictions customary law complements statutory law and is applied in specified circumstances (Source: FSC-STD-01-001 V5-2, based on N.L. Peluso and P. Vandergeest. 2001. Genealogies of the political forest and customary rights in Indonesia, Malaysia and Thailand, Journal of Asian Studies 60(3):761–812).

**Customary rights:** Rights which result from a long series of habitual or customary actions, constantly repeated, which have, by such repetition and by uninterrupted acquiescence, acquired the force of a law within a geographical or sociological unit (Source: FSC-STD-01-001 V5-2).

**Degradation:** Changes within a natural forest or High Conservation Value area that significantly and negatively affect its species composition, structure and/or function, and reduces the ecosystem's capacity to supply products, support biodiversity and/or deliver ecosystem services (Source: FSC-POL-01-007 V1-0).

**Direct involvement:** Situations in which the associated organization or individual is first-hand responsible for the unacceptable activities (Source: FSC-POL-01-004 V2-0).

**Discrimination:** includes- a) any distinction, exclusion or preference made on the basis of race, colour, sex, religion, political opinion, national extraction, social origin, sexual orientation, which has the effect of nullifying or impairing equality of opportunity or treatment in employment or occupation; b) such other distinction, exclusion or preference which has the effect of nullifying or impairing equality of opportunity or treatment in employment or occupation as may be determined by the Member concerned after consultation with representative employers' and workers' organization where such exist, and with other appropriate bodies (Source: FSC-STD-60-004 V2-0, adapted from International Labour Organization (ILO) Convention 111, Article1). 'Sexual orientation' was added to the definition provided in Convention 111, as it has been identified as an additional type of discrimination which may occur.

**Dispute:** for the purpose of the IGI, this is an expression of dissatisfaction by any person or organization presented as a complaint to The Organization, relating to its management activities or its conformity with the FSC Principles and Criteria, where a

response is expected (Source: FSC-STD-01-001 V5-2, based on FSC-PRO-01-005 V3-0 Processing Appeals).

**Dispute of substantial magnitude:** For the purpose of the International Generic Indicators, a dispute of substantial magnitude is a dispute that involves one or more of the following:

- Affects the legal or customary rights of Indigenous Peoples and local communities;
- Where the negative impact of management activities is of such a scale that it cannot be reversed or mitigated;
- Physical violence;
- Destruction of property;
- Presence of military bodies;
- Acts of intimidation against forest workers and stakeholders (Source: FSC-STD-60-004 V2-0).

**Due consideration:** To give such weight or significance to a particular factor as under the circumstances it seems to merit, and this involves discretion (Source: FSC-STD-60-004 V2-0, based on Black's Law Dictionary, 1979).

**Economic viability:** The capability of developing and surviving as a relatively independent social, economic or political unit. Economic viability may require but is not synonymous with profitability (Source: FSC-STD-01-001 V5-2, based on the definition provided on the website of the European Environment Agency).

**Eco-regional:** Large unit of land or water containing a geographically distinct assemblage of species, natural communities, and environmental conditions (Source: FSC-STD-60-004 V2-0, based on WWF Global 200. [http://wwf.panda.org/about\\_our\\_earth/ecoregions/about/what\\_is\\_an\\_ecoregion/](http://wwf.panda.org/about_our_earth/ecoregions/about/what_is_an_ecoregion/)).

**Ecosystem:** A dynamic complex of plant, animal and micro-organism communities and their non-living environment interacting as a functional unit (Source: FSC-STD-01-001 V5-2, based on Convention on Biological Diversity (CBD) 1992, Article 2).

**Ecosystem function:** An intrinsic ecosystem characteristic related to the set of conditions and processes whereby an ecosystem maintains its integrity (such as primary productivity, food chain, biogeochemical cycles). Ecosystem functions include such processes as decomposition, production, nutrient cycling, and fluxes of nutrients and energy. For FSC purposes, this definition includes ecological and evolutionary processes such as gene flow and disturbance regimes, regeneration cycles and ecological seral development (succession) stages. (Source: FSC-STD-01-001 V5-2, based on R. Hassan, R. Scholes and N. Ash. 2005. Ecosystems and Human Well-being: Synthesis. The Millennium Ecosystem Assessment Series. Island Press, Washington DC; and R.F. Noss. 1990. Indicators for monitoring biodiversity: a hierarchical approach. Conservation Biology 4(4):355–364).

**Ecosystem services:** The benefits people obtain from ecosystems. These include:

- provisioning services such as food, forest products and water;
- regulating services such as regulation of floods, drought, land degradation, air quality, climate and disease;
- supporting services such as soil formation and nutrient cycling; and
- cultural services and cultural values such as recreational, spiritual, religious and other non-material benefits (Source: FSC-STD-01-001 V5-2, based on R. Hassan, R. Scholes and N. Ash. 2005. Ecosystems and Human Well-being:

Synthesis. The Millennium Ecosystem Assessment Series. Island Press, Washington DC).

**Emergency:** A situation that requires immediate action to control the sudden invasion or infestation of a pest, which threatens either long-term stability of the ecosystem, human well-being or economic viability. Events that happen cyclically and scenarios which are predicted through planning, monitoring or the application of an integrated pest management system cannot be considered an emergency. For the purpose of the FSC Pesticides Policy, emergency situations require immediate action and cannot feasibly be controlled by a less hazardous alternative. (Source: FSC-POL-30-001 V3-0).

**Employment and Occupation:** Includes access to vocational training, access to employment and to particular occupations, and terms and conditions of employment (Source: FSC-STD-60-004 V2-0, based on International Labour Organization (ILO) Convention 111, Article1.3).

**Engaging / engagement:** The process by which The Organization communicates, consults and/or provides for the participation of interested and/or affected stakeholders ensuring that their concerns, desires, expectations, needs, rights and opportunities are considered in the establishment, implementation and updating of the management plan (Source: FSC-STD-01-001 V5-2).

**Environmental and social risk assessment (ESRA):** A process to predict, assess and review the likely or actual environmental and social effects of a well-defined action, evaluate alternatives, and design appropriate mitigation, management and monitoring measures.

In the context of the FSC Pesticides Policy, it relates to chemical pesticide use (Source: FSC-POL-30-001 V3-0).

**Environmental biomonitoring:** Act of observing and assessing the state and ongoing changes in ecosystems, components of biodiversity and landscape, including the types of natural habitats, populations and species. (Source: Encyclopaedia of Toxicology (Third Edition, 2014)).

**Environmental harm:** Any impact on the environment values as a result of human activity that has the effect of degrading the environment, whether temporarily or permanently (Source: FSC-POL-01-007 V1-0).

**Environmental Impact Assessment (EIA):** Systematic process used to identify potential environmental and social impacts of proposed projects, to evaluate alternative approaches, and to design and incorporate appropriate prevention, mitigation, management and monitoring measures (Source: FSC-STD-01-001 V5-2, based on Environmental impact assessment, guidelines for FAO field projects. Food and agriculture organization of the United Nations (FAO). Rome).

**Environmental values:** The following set of elements of the biophysical and human environment:

- ecosystem functions (including carbon sequestration and storage);
- biological diversity;
- water resources;
- soils;
- atmosphere;
- landscape values (including cultural and spiritual values).

The actual worth attributed to these elements depends on human and societal perceptions (Source: FSC-STD-01-001 V5-2).

**Equal remuneration for men and women workers for work of equal value:** refers to rates of remuneration established without discrimination based on sex (ILO Convention 100, Article 1b).

**Equivalent:** For ecological equivalence, the same specific type of natural forest or High Conservation Value is restored or conserved as was destroyed.

For social remedy, equivalence shall be based on an independent assessment and agreement on remedy through Free, Prior, Informed Consent (FPIC) with the affected rights holders of the nature, quality, and quantity of all social harms as well as the ongoing future benefits these would have provided. Equivalence shall entail provision of the best means possible to ensure future community wellbeing. (Source: FSC-POL01-007 V1-0)

**Exclusion zone:** Area in which chemical pesticides are used, and which people are prevented from entering during and after pesticide application in order to avoid unacceptable risk of exposure. The exclusion zone remains in force until the risk of exposure has reduced to an acceptable level (the period of re-entry).

**Externalities:** The positive and negative impacts of activities on stakeholders that are not directly involved in those activities, or on a natural resource or the environment, which do not usually enter standard cost accounting systems, such that the market prices of the products of those activities do not reflect the full costs or benefits (Source: FSC-STD-01-001 V5-2).

**Fair compensation:** Remuneration that is proportionate to the magnitude and type of services rendered by another party or of the harm that is attributable to the first party (Source: FSC-STD-60-004 V2-0).

**Fertilizer:** Mineral or organic substances, most commonly N, P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O, which are applied to soil for the purpose of enhancing plant growth (Source: FSC-STD-60-004 V2-0).

**Fibre Testing:** a suite of wood identification technologies used to identify the family, genus, species and origin of solid wood and fibre based products (Source: FSC-STD-60-004 V2-0).

**Focal species:** Species whose requirements for persistence define the attributes that must be present if that landscape is to meet the requirements of the species that occur there (Source: Lambeck, R., J. 1997. Focal Species: A multi-species Umbrella for Nature Conservation. Conservation Biology Vol 11 (4): 849-856.).

**Forced or compulsory labour:** work or service exacted from any person under the menace of any penalty and for which the said person has not offered himself/ herself voluntarily (Source: FSC-STD-60-004 V2-0, based on International Labour Organization (ILO) Convention 29, Article 2.1).

**Forest:** A tract of land dominated by trees (Source: FSC-STD-01-001 V5-0, derived from FSC Guidelines for Certification Bodies, Scope of Forest Certification, Section 2.1 first published in 1998, and revised as FSC-GUI-20-200 in 2005, and revised again in 2010 as FSC-DIR-20-007 FSC Directive on Forest Management Evaluations, ADVICE-20-007-01).

**Formal and informal workers organization:** association or union of workers, whether recognized by law or by The Organization or neither, which have the aim of promoting workers rights and to represent workers in dealings with The Organization particularly regarding working conditions and compensation (Source: FSC-STD-60-004 V2-0).

**Fragmentation:** The process of dividing habitats into smaller patches, which results in the loss of original habitat, loss in connectivity, reduction in patch size, and increasing isolation of patches. Fragmentation is considered to be one of the single most important factors leading to loss of native species, especially in forested landscapes, and one of the primary causes of the present extinction crisis. In reference to Intact Forest Landscapes, the fragmentation of concern is understood to be that caused by human industrial activities. (Source: FSC-STD-60-004 V2-0, adapted from Gerald E. Heilman, Jr. James R. Strittholt Nicholas C. Slosser Dominick A. Dellasala, *BioScience* (2002) 52 (5): 411-422.)

**Free, Prior, and Informed Consent (FPIC):** A legal condition whereby a person or community can be said to have given consent to an action prior to its commencement, based upon a clear appreciation and understanding of the facts, implications and future consequences of that action, and the possession of all relevant facts at the time when consent is given. Free, prior and Informed Consent includes the right to grant, modify, withhold or withdraw approval (Source: FSC-STD-60-004 V2-0, based on the Preliminary working paper on the principle of Free, Prior and Informed Consent of Indigenous Peoples (...) (E/CN.4/Sub.2/AC.4/2004/4 8 July 2004) of the 22<sup>nd</sup> Session of the United Nations Commission on Human Rights, Sub-commission on the Promotion and Protection of Human Rights, Working Group on Indigenous Populations, 19–23 July 2004).

**FSC Transaction:** Purchase or sale of products with FSC claims on sales documents (Source: FSC-STD-60-004 V2-0).

**Gender equality:** Gender equality or gender equity means that women and men have equal conditions for realizing their full human rights and for contributing to, and benefiting from, economic, social, cultural and political development (Source: FSC-STD-60-004 V2-0, adapted from FAO, IFAD and ILO workshop on 'Gaps, trends and current research in gender dimensions of agricultural and rural employment: differentiated pathways out of poverty', Rome, 31 March to 2 April 2009.).

**Genetically modified organism:** An organism in which the genetic material has been altered in a way that does not occur naturally by mating and/or natural recombination. (Source: FSC-STD-60-004 V2-0, based on FSC-POL-30-602 FSC Interpretation on GMO (Genetically Modified Organisms)).

**Genotype:** The genetic constitution of an organism (Source: FSC-STD-01-001 V5-2).

**Good faith:** A process of engagement where the parties make every effort to reach an agreement, conduct genuine and constructive negotiations, avoid delays in negotiations, respect agreements concluded and under development, and give sufficient time to discuss and settle disputes (Source: FSC-STD-60-004 V2-0, adapted from Motion 40:2017).

**Good Faith in negotiation:** The Organization (employer) and workers' organizations make every effort to reach an agreement, conduct genuine and constructive negotiations, avoid unjustified delays in negotiations, respect agreements concluded and give sufficient time to discuss and settle collective disputes (Gerning B, Odero A,



Guido H (2000), *Collective Bargaining: ILO Standards and the Principles of the Supervisory Bodies*. International Labour Office, Geneva).

**Governmental order:** The use of a specific chemical pesticide is ordered or carried out by governmental authorities independent of the Organization (Source: FSC-POL30-001 V3-0).

**Grassland:** Land covered with herbaceous plants with less than 10% tree and shrub cover (Source: UNEP, cited in FAO. 2002. Second Expert Meeting on Harmonizing Forest-Related Definitions for use by various stakeholders).

**Habitat:** The place or type of site where an organism or population occurs (Source: FSC-STD-60-004 V2-0, based on the Convention on Biological Diversity (CBD), Article 2).

**Habitat features:** Forest stand attributes and structures, including but not limited to:

- Old commercial and non-commercial trees whose age noticeably exceeds the average age of the main canopy;
- Trees with special ecological value;
- Vertical and horizontal complexity;
- Standing dead trees;
- Dead fallen wood;
- Forest openings attributable to natural disturbances;
- Nesting sites;
- Small wetlands, bogs, fens;
- Ponds;
- Areas for procreation;
- Areas for feeding and shelter, including seasonal cycles of breeding;
- Areas for migration;
- Areas for hibernation (Source: FSC-STD-60-004 V2-0).

**Hazardous work (in the context of child labour):** Any work which is likely to jeopardize children's physical, mental or moral health, should not be undertaken by anyone under the age of 18 years. Hazardous child labour is work in dangerous, or unhealthy conditions that could result in a child being killed or injured/maimed (often permanently) and/or made ill (often permanently) as a consequence of poor safety and health standards and working arrangements. In determining the type of hazard child labour referred to under (Article 3(d) of the Convention No 182, and in identifying where they exist, consideration should be given, inter alia, to

- Work which exposes children to physical, psychological or sexual abuse;
- Work underground, under water at dangerous heights or in confined spaces;
- Work with dangerous machinery, equipment and tools, or which involves the manual handling or transport of heavy loads;
- Work in unhealthy environment which may, for examples, expose children to hazardous substances, agents or processes, or to temperatures, noise levels, or vibrations damaging to their health;
- Work under particularly difficult conditions such as work for long hours or during the night or work where the child is unreasonably confined to the premises of the employer (Source: FSC-STD-60-004 V2-0, based on International Labour Organization (ILO), 2011: IPEC Mainstreaming Child labour concerns in education sector plans and Programmes, Geneva, 2011& ILO Handbook on Hazardous child labour, 2011).

**Heavy work (in the context of child labour):** refers to work that is likely to be harmful or dangerous to children's health (Source: FSC-STD-60-004 V2-0, based on FSC

report on generic criteria and indicators based on International Labour Organization (ILO) Core Conventions principles, 2017).

**High Conservation Value (HCV):** Any of the following values:

- **HCV1:** Species Diversity. Concentrations of biological diversity including endemic species, and rare, threatened or endangered species, that are significant at global, regional or national levels.
- **HCV 2:** Landscape-level ecosystems and mosaics. Intact Forest Landscapes, large landscape-level ecosystems and ecosystem mosaics that are significant at global, regional or national levels, and that contain viable populations of the great majority of the naturally occurring species in natural patterns of distribution and abundance.
- **HCV 3:** Ecosystems and habitats. Rare, threatened, or endangered ecosystems, habitats or refugia.
- **HCV 4:** Critical ecosystem services. Basic ecosystem services in critical situations, including protection of water catchments and control of erosion of vulnerable soils and slopes.
- **HCV 5:** Community needs. Sites and resources fundamental for satisfying the basic necessities of local communities or Indigenous Peoples (for example for livelihoods, health, nutrition, water), identified through engagement with these communities or Indigenous Peoples.
- **HCV 6:** Cultural values. Sites, resources, habitats and landscapes of global or national cultural, archaeological or historical significance, and/or of critical cultural, ecological, economic or religious/sacred importance for the traditional cultures of local communities or Indigenous Peoples, identified through engagement with these local communities or Indigenous Peoples

(Source: based on FSC-STD-01-001 V5-2).

**High Conservation Value Areas:** Zones and physical spaces which possess and/or are needed for the existence and maintenance of identified High Conservation Values (Source: FSC-STD-60-004 V2-0).

**High grading:** High grading is a tree removal practice in which only the best quality, most valuable timber trees are removed, often without regenerating new tree seedlings or removing the remaining poor quality and suppressed understory trees and, in doing so, degrading the ecological health and commercial value of the forest. High grading stands as a counterpoint to sustainable resource management (Source: FSC-STD-60-004 V2-0, based on Glossary of Forest Management Terms. North Carolina Division of Forest Resources. March 2009).

**Highly hazardous pesticide (HHP):** chemical pesticides that are acknowledged to present particularly high levels of acute or chronic hazards to health and environment according to internationally accepted classification systems or are listed in relevant binding international agreements or conventions, or contain dioxins, or heavy metals. In addition, pesticides that appear to cause severe or irreversible harm to health or the environment under conditions of use in a country may be considered to be and treated as highly hazardous.

FSC distinguishes between FSC prohibited HHPs, FSC highly restricted HHPs and FSC restricted HHPs:

- **FSC prohibited HHPs:** chemical pesticides that: a) are listed or recommended for listing under Annex A (elimination) of the Stockholm Convention on Persistent Organic Pollutants or Annex III of the Rotterdam Convention on the Prior Informed Consent Procedure or listed under the Montreal Protocol on

Substances that Deplete the Ozone Layer, or b) are acutely toxic and that can induce cancer (carcinogenic and likely to be carcinogenic), or c) contain dioxins or d) contain heavy metals).

- **FSC highly restricted HHPs:** chemical pesticide presenting two or three out of the following hazards: acute toxicity, chronic toxicity and environmental toxicity.
- **FSC restricted HHPs:** chemical pesticide presenting one out of three of the following hazards: acute toxicity, chronic toxicity and environmental toxicity.

(Source: FSC-POL-30-001 V3-0).

**ILO Committee on Freedom of Association:** a Governing Body Committee set up in 1951, for the purpose of examining complaints about violations of freedom of association, whether or not the country concerned had ratified the relevant conventions. Is composed of an independent chairperson and three representatives each of governments, employers, and workers. If it decides to receive the case, it establishes the facts in dialogue with the government concerned. If it finds that there has been a violation of freedom of association standards or principles, it issues a report through the Governing Body and makes recommendations on how the situation could be remedied. Governments are subsequently requested to report on the implementation of its recommendations (Source: FSC report on generic criteria and indicators based on ILO Core Conventions principles, 2017).

**ILO Core (Fundamental) Conventions:** these are labour standards that cover fundamental principles and rights at work: freedom of association and the effective recognition of the right to collective bargaining; the elimination of all forms of forced or compulsory labour; the effective abolition of child labour; and the elimination of discrimination\* in respect of employment and occupation.

The eight Fundamental Conventions are:

- Freedom of Association and Protection of the Right to Organise Convention, 1948 (No. 87)
  - Right to Organise and Collective Bargaining Convention, 1949 (No. 98)
  - Forced Labour Convention, 1930 (No. 29)
  - Abolition of Forced Labour Convention, 1957 (No. 105)
  - Minimum Age Convention, 1973 (No. 138)
  - Worst Forms of Child Labour Convention, 1999 (No. 182)
  - Equal Remuneration Convention, 1951 (No. 100)
  - Discrimination (Employment and Occupation) Convention, 1958 (No. 111)
- (Source: FSC-STD-60-004 V2-0, based on FSC report on generic criteria and indicators based on International Labour Organization (ILO) Core Conventions principles, 2017).

**ILO Declaration on Fundamental Principles and Rights at Work and its Followup, adopted by the International Labour conference at its Eighty-sixth Session, Geneva, 18th June 1998 (Annex revised 15 June 2010):** is a resolute reaffirmation of ILO principles (art 2) which declares that all Members, even if they have not ratified the Conventions in question, have an obligation, arising from the very fact of membership in the organization, to respect, to promote and to realize, in good faith\* and in accordance with the Constitution, the principles concerning the fundamental rights which are the subject of those Conventions, namely:

- Freedom of association and the effective recognition of the right to collective bargaining;
- The elimination of all forms of forced or compulsory labour;
- The effective abolition of child labour; and

- The elimination of discrimination\* in respect of employment and occupation (Source: FSC-STD-60-004 V2-0, based on FSC report on generic criteria and indicators based on International Labour Organization (ILO) Core Conventions principles, 2017).

**Indicator:** A quantitative or qualitative variable which can be measured or described, and which provides a means of judging whether a Management Unit complies with the requirements of an FSC Criterion. Indicators and the associated thresholds thereby define the requirements for responsible forest management at the level of the Management Unit and are the primary basis of forest evaluation (Source: FSC-STD-60-004 V2-0).

**Indigenous cultural landscapes:** Indigenous cultural landscapes are living landscapes to which Indigenous Peoples attribute environmental, social, cultural and economic value because of their enduring relationship with the land, water, fauna, flora and spirits and their present and future importance to their cultural identity. An Indigenous cultural landscape is characterized by features that have been maintained through long-term interactions based on land-care knowledge, and adaptive livelihood practices. They are landscapes over which Indigenous Peoples exercise responsibility for stewardship (Source: FSC-STD-60-004 V2-0).

NOTE: The adoption of the term Indigenous cultural landscapes is voluntary by Standard Development Groups. Standard Development Groups may choose not to use it. Through Free Prior an Informed Consent Indigenous Peoples may choose to use different terminology

**Indigenous Peoples:** People and groups of people that can be identified or characterized as follows:

- The key characteristic or Criterion is self-identification as Indigenous Peoples at the individual level and acceptance by the community as their member;
- Historical continuity with pre-colonial and/or pre-settler societies;
- Strong link to territories and surrounding natural resources;
- Distinct social, economic or political systems;
- Distinct language, culture and beliefs;
- Form non-dominant groups of society;
- Resolve to maintain and reproduce their ancestral environments and systems as distinctive peoples and communities

(Source: FSC-STD-01-001 V5-2, adapted from United Nations Permanent Forum on Indigenous, Factsheet 'Who are Indigenous Peoples' October 2007; United Nations Development Group, 'Guidelines on Indigenous Peoples' Issues' United Nations 2009, United Nations Declaration on the Rights of Indigenous Peoples, 13 September 2007).

**Indirect involvement:** Situations in which the associated organization or individual, with a minimum ownership or voting power of 51%, is involved as a parent or sister company, subsidiary, shareholder or Board of Directors to an organization directly involved in unacceptable activities. Indirect involvement also includes activities performed by subcontractors when acting on behalf of the associated organization or individual (Source: FSC-POL-01-004 V2-0).

**Industrial activity:** Industrial forest and resource management activities such as road building, mining, dams, urban development and timber harvesting (Source: FSC-STD-60-004 V2-0).

**Infrastructure:** In the context of forest management, roads, bridges, culverts, log landings, quarries, impoundments, buildings and other structures required in the course of implementing the management plan (Source: FSC-STD-60-004 V2-0).

**Intact Forest Landscape:** A territory within today's global extent of forest cover which contains forest and non-forest ecosystems minimally influenced by human economic activity, with an area of at least 500 km<sup>2</sup> (50,000 ha) and a minimal width of 10 km (measured as the diameter of a circle that is entirely inscribed within the boundaries of the territory) (Source: FSC-STD-60-004 V2-0, based on Intact Forests / Global Forest Watch. Glossary definition as provided on Intact Forest website. 2006-2014).

**Integrated pest management (IPM):** Careful consideration of all available pest control techniques and subsequent integration of appropriate measures that discourage the development of pest populations, encourage beneficial populations and keep pesticides and other interventions to levels that are economically justified and reduce or minimize risks to human and animal health and/or the environment. IPM emphasizes the growth of a healthy forest with the least possible disruption to ecosystems and encourages natural pest control mechanisms (Source: Based on FAO International Code of Conduct on Pesticide Management).

**Intellectual property:** Practices as well as knowledge, innovations and other creations of the mind (Source: FSC-STD-01-001 V5-2, based on the Convention on Biological Diversity (CBD), Article 8(j); and World Intellectual Property Organization. What is Intellectual Property? WIPO Publication No. 450(E)).

**Intensity:** A measure of the force, severity or strength of a management activity or other occurrence affecting the nature of the activity's impacts (Source: FSC-STD-01-001 V5-2).

**Interested stakeholder:** Any person, group of persons, or entity that has shown an interest, or is known to have an interest, in the activities of a Management Unit. The following are examples of interested stakeholders.

- Conservation organizations, for example environmental NGOs;
- Labor (rights) organizations, for example labor unions;
- Human rights organizations, for example social NGOs;
- Local development projects;
- Local governments;
- National government departments functioning in the region;
- FSC National Offices;
- Experts on particular issues, for example High Conservation Values

(Source: FSC-STD-01-001 V5-2).

**Internationally accepted scientific protocol:** A predefined science-based procedure which is either published by an international scientific network or union, or referenced frequently in the international scientific literature (Source: FSC-STD-01-001 V5-2).

**Intervention threshold:** Population density level where the controlling measures of the targeted pest should start. It is determined in the IPM system and it is usually lower than the critical population density level.

**Invasive species:** Species that are rapidly expanding outside of their native range. Invasive species can alter ecological relationships among native species and can affect ecosystem function and human health (Source: Based on World Conservation Union (IUCN). Glossary definitions as provided on IUCN website).

**Lands and territories:** For the purposes of the Principles and Criteria these are lands or territories that Indigenous Peoples or local communities have traditionally owned, or customarily used or occupied, and where access to natural resources is vital to the sustainability of their cultures and livelihoods (Source: FSC-STD-60-004 V2-0, based on World Bank safeguard OP 4.10 Indigenous Peoples, section 16 (a). July 2005.).

**Landscape:** A geographical mosaic composed of interacting ecosystems resulting from the influence of geological, topographical, soil, climatic, biotic and human interactions in a given area (Source: FSC-STD-60-004 V2-0, based on International Union for Conservation of Nature (IUCN). Glossary definitions as provided on IUCN website).

**Landscape values:** Landscape values can be visualized as layers of human perceptions overlaid on the physical landscape. Some landscape values, like economic, recreation, subsistence value or visual quality are closely related to physical landscape attributes. Other landscape values such as intrinsic or spiritual value are more symbolic in character and are influenced more by individual perception or social construction than physical landscape attributes (Source: FSC-STD-60-004 V2-0, based on website of the Landscape Value Institute).

**Legal:** In accordance with primary legislation (national or local laws) or secondary legislation (subsidiary regulations, decrees, orders, etc.). ‘Legal’ also includes rule-based decisions made by legally competent agencies where such decisions flow directly and logically from the laws and regulations. Decisions made by legally competent agencies may not be legal if they do not flow directly and logically from the laws and regulations and if they are not rule-based but use administrative discretion (Source: FSC-STD-01-001 V5-2).

**Legally competent:** Mandated in law to perform a certain function (Source: FSC-STD-01-001 V5-2).

**Legal registration:** National or local legal license or set of permissions to operate as an enterprise, with rights to buy and sell products and/or services commercially. The license or permissions can apply to an individual, a privately-owned enterprise or a publicly-owned corporate entity. The rights to buy and sell products and/or services do not carry the obligation to do so, so legal registration applies also to Organizations operating a Management Unit without sales of products or services; for example, for unpriced recreation or for conservation of biodiversity or habitat (Source: FSC-STD-01-001 V5-2).

**Legal status:** The way in which the Management Unit is classified according to law. In terms of tenure, it means the category of tenure, such as communal land or leasehold or freehold or State land or government land, etc. If the Management Unit is being converted from one category to another (for example, from State land to communal indigenous land) the status includes the current position in the transition process. In terms of administration, legal status could mean that the land is owned by the nation as a whole, is administered on behalf of the nation by a government department, and is leased by a government Ministry to a private sector operator through a concession (Source: FSC-STD-01-001 V5-2).

**Light work:** National laws or regulations may permit the employment or work of persons 13 to 15 years of age on light work which is- a) not likely to be harmful to their health or development; and b) not such as to prejudice their attendance at school, their participation in vocational orientation or training programmes approved by the competent authority or their capacity to benefit from the instruction received (Source:

FSC-STD-60-004 V2-0, based on International Labour Organization (ILO) Convention 138, Article 7).

**Living wage:** The level of wages sufficient to meet the basic living needs of an average-sized family in a particular economy (Source: FSC-STD-60-004 V2-0, based on International Labour Organization (ILO). Bureau of Library and Information Services. ILO Thesaurus as provided on ILO website).

**Local communities:** Communities of any size that are in or adjacent to the Management Unit, and also those that are close enough to have a significant impact on the economy or the environmental values of the Management Unit or to have their economies, rights or environments significantly affected by the management activities or the biophysical aspects of the Management Unit (Source: FSC-STD-01-001 V5-2).

**Local laws:** The whole suite of primary and secondary laws (acts, ordinances, statutes, decrees) which is limited in application to a particular geographic district within a national territory, as well as secondary regulations, and tertiary administrative procedures (rules / requirements) that derive their authority directly and explicitly from these primary and secondary laws. Laws derive authority ultimately from the Westphalian concept of sovereignty of the Nation State (Source: FSC-STD-01-001 V5-2).

**Long-term:** The time-scale of the forest owner or manager as manifested by the objectives of the management plan, the rate of harvesting, and the commitment to maintain permanent forest cover. The length of time involved will vary according to the context and ecological conditions, and will be a function of how long it takes a given ecosystem to recover its natural structure and composition following harvesting or disturbance, or to produce mature or primary conditions (Source: FSC-STD-01-002 V1-0).

**Management objective:** Specific management goals, practices, outcomes, and approaches established to achieve the requirements of this standard (Source: FSC-STD-60-004 V2-0).

**Management plan:** The collection of documents, reports, records and maps that describe, justify and regulate the activities carried out by any manager, staff or organization within or in relation to the Management Unit, including statements of objectives and policies (Source: FSC-STD-01-001 V5-2).

**Management Unit:** A spatial area or areas submitted for FSC certification with clearly defined boundaries managed to a set of explicit long-term management objectives which are expressed in a management plan. This area or areas include(s):

- all facilities and area(s) within or adjacent to this spatial area or areas under legal title or management control of, or operated by or on behalf of The Organization, for the purpose of contributing to the management objectives; and
- all facilities and area(s) outside, and not adjacent to this spatial area or areas and operated by or on behalf of The Organization, solely for the purpose of contributing to the management objectives

(Source: FSC-STD-01-001 V5-2).

**Managerial control:** Responsibility of the kind defined for corporate directors of commercial enterprises in national commercial law, and treated by FSC as applicable also to public sector organizations (Source: FSC-STD-01-001 V5-2).

**Medical Biomonitoring:** Analysis of a chemical pesticide or one of its metabolites in the human body, using samples of substances such as blood, urine or breastmilk (Source: Based on FAO and WHO (2016). International Code of Conduct on Pesticide Management: Guidelines on Highly Hazardous Pesticides. FAO & WHO, Rome).

**Minimum age (of employment):** is not less than the age of finishing compulsory education, and which in any case, should not be less than 15 years. However, a country, whose economy and educational facilities are insufficiently developed, may initially specify a minimum age of 14 years. National laws may also permit the employment of 13-15 year olds in light work which is neither prejudicial to school attendance, nor harmful to a child's health or development. The ages 12-13 can apply for light work in countries that specify a minimum age of 14 (ILO Convention 138,

**National laws:** The whole suite of primary and secondary laws (acts, ordinances, statutes, decrees), which is applicable to a national territory, as well as secondary regulations, and tertiary administrative procedures (rules / requirements) that derive their authority directly and explicitly from these primary and secondary laws (Source: FSC-STD-01-001 V5-2).

**Native species:** Species, subspecies, or lower taxon, occurring within its natural range (past or present) and dispersal potential (that is, within the range it occupies naturally or could occupy without direct or indirect introduction or care by humans) (Source: FSC-STD-01-001 V5-2, based on Convention on Biological Diversity (CBD). Invasive Alien Species Programme. Glossary of Terms as provided on CBD website).

**Natural conditions/native ecosystem:** For the purposes of the Principles and Criteria and any applications of restoration techniques, terms such as 'more natural conditions', 'native ecosystem' provide for managing sites to favor or restore native species and associations of native species that are typical of the locality, and for managing these associations and other environmental values so that they form ecosystems typical of the locality. Further guidelines may be provided in FSC Forest Stewardship Standards (Source: FSC-STD-01-001 V5-2).

**Natural forest:** A forest area with many of the principal characteristics and key elements of native ecosystems, such as complexity, structure and biological diversity, including soil characteristics, flora and fauna, in which all or almost all the trees are native species, not classified as plantations.

'Natural forest' includes the following categories:

- Forest affected by harvesting or other disturbances, in which trees are being or have been regenerated by a combination of natural and artificial regeneration with species typical of natural forests in that site, and where many of the above-ground and below-ground characteristics of the natural forest are still present. In boreal and north temperate forests which are naturally composed of only one or few tree species, a combination of natural and artificial regeneration to regenerate forest of the same native species, with most of the principal characteristics and key elements of native ecosystems of that site, is not by itself considered as conversion to plantations;
- Natural forests which are maintained by traditional silvicultural practices including natural or assisted natural regeneration;
- Well-developed secondary or colonizing forest of native species which has regenerated in non-forest areas;



- The definition of 'natural forest' may include areas described as wooded ecosystems, woodland and savannah.

The description of natural forests and their principal characteristics and key elements may be further defined in FSC Forest Stewardship Standards, with appropriate descriptions or examples.

'Natural forest' does not include land which is not dominated by trees, was previously not forest, and which does not yet contain many of the characteristics and elements of native ecosystems. Young regeneration may be considered as natural forest after some years of ecological progression. FSC Forest Stewardship Standards may indicate when such areas may be excised from the Management Unit, should be restored towards more natural conditions, or may be converted to other land uses.

FSC has not developed quantitative thresholds between different categories of forests in terms of area, density, height, etc. FSC Forest Stewardship Standards may provide such thresholds and other guidelines, with appropriate descriptions or examples. Pending such guidance, areas dominated by trees, mainly of native species, may be considered as natural forest.

Thresholds and guidelines may cover areas such as:

- Other vegetation types and non-forest communities and ecosystems included in the Management Unit, including grassland, bushland, wetlands, and open woodlands;
- Very young pioneer or colonizing regeneration in a primary succession on new open sites or abandoned farmland, which does not yet contain many of the principal characteristics and key elements of native ecosystems. This may be considered as natural forest through ecological progression after the passage of years;
- Young natural regeneration growing in natural forest areas may be considered as natural forest, even after logging, clear-felling or other disturbances, since many of the principal characteristics and key elements of native ecosystems remain, above-ground and below-ground;
- Areas where deforestation and forest degradation have been so severe that they are no longer 'dominated by trees' may be considered as non-forest, when they have very few of the principal above-ground and below-ground characteristics and key elements of natural forests. Such extreme degradation is typically the result of combinations of repeated and excessively heavy logging, grazing, farming, fuelwood collection, hunting, fire, erosion, mining, settlements, infrastructure, etc. FSC Forest Stewardship Standards may help to decide when such areas should be excised from the Management Unit, should be restored towards more natural conditions, or may be converted to other land uses

(Source: FSC-STD-01-001 V5-2).

**Natural Hazards:** Disturbances that can present risks to social and environmental values in the Management Unit but that may also comprise important ecosystem functions; examples include drought, flood, fire, landslide, storm, avalanche, etc (Source: FSC-STD-60-004 V2-0).

**Non-forest land-use:** Land-use system, where the land is not dominated by trees.

**Non-timber forest products (NTFP):** All products other than timber derived from the Management Unit (Source: FSC-STD-01-001 V5-2).

**Objective:** The basic purpose laid down by The Organization for the forest enterprise, including the decision of policy and the choice of means for attaining the purpose (Source: FSC-STD-60-004 V2-0, based on F.C. Osmaston. 1968. The Management of Forests. Hafner, New York; and D.R. Johnston, A.J. Grayson and R.T. Bradley. 1967. Forest Planning. Faber & Faber, London).

**Obligatory code of practice:** A manual or handbook or other source of technical instruction which The Organization must implement by law (Source: FSC-STD-01-001 V5-2).

**Occupational accident:** An occurrence arising out of, or in the course of, work which results in fatal or non-fatal injury (Source: FSC-STD-01-001 V5-2, based on International Labour Organization (ILO). Bureau of Library and Information Services. ILO Thesaurus as provided on ILO website).

**Occupational disease:** Any disease contracted as a result of an exposure to risk factors arising from work activity (Source: FSC-STD-01-001 V5-2, based on International Labour Organization (ILO). Bureau of Library and Information Services. ILO Thesaurus as provided on ILO website).

**Occupational injuries:** Any personal injury, disease or death resulting from an occupational accident (Source: FSC-STD-01-001 V5-2, based on International Labour Organization (ILO). Bureau of Library and Information Services. ILO Thesaurus as provided on ILO website).

**Organism:** Any biological entity capable of replication or of transferring genetic material (Source: Council Directive 90/220/EEC).

**Peatland:** Is constituted by flooded and soggy areas, with large accumulations of organic material, covered by a layer of poor vegetation associated with a certain degree of acidity, and which presents a characteristic amber color (Source: FSC-STD-60-004 V2-0, based on Aguilar, L. 2001. About Fishermen, Fisherwomen, Oceans and tides. IUCN. San Jose (Costa Rica)).

**Pest:** Any species, strain or biotype of plant, animal or pathogenic agent injurious to plants and plant products, materials or environments and includes vectors of parasites or pathogens of human and animal disease and animals causing public health nuisance (Source: FSC-POL-30-001 V3-0)

**Pesticide:** Any substance or preparation prepared or used in protecting plants or wood or other plant products from pests; in controlling pests; or in rendering such pests harmless. This definition includes insecticides, rodenticides, acaricides, molluscicides, larvaecides, fungicides and herbicides (Source: FSC-STD-01-001 V5-2).

**Pesticide Buffer zone:** Area established around environmental and/or social values to protect them from damage, within which pesticides are not used or are used only with additional risk mitigation measures.

**Plantation:** A forest area established by planting or sowing with using either alien or native species, often with one or few species, regular spacing and even ages, and which lacks most of the principal characteristics and key elements of natural forests. The description of plantations may be further defined in FSC Forest Stewardship Standards, with appropriate descriptions or examples, such as:

- Areas which would initially have complied with this definition of 'plantation' but which, after the passage of years, contain many or most of the principal

- characteristics and key elements of native ecosystems, may be classified as natural forests.
- Plantations managed to restore and enhance biological and habitat diversity, structural complexity and ecosystem functionality may, after the passage of years, be classified as natural forests.
  - Boreal and north temperate forests which are naturally composed of only one or few tree species, in which a combination of natural and artificial regeneration is used to regenerate forest of the same native species, with most of the principal characteristics and key elements of native ecosystems of that site, may be considered as natural forest, and this regeneration is not by itself considered as conversion to plantations.

(Source: FSC-STD-01-001 V5-2).

**Precautionary approach:** An approach requiring that when the available information indicates that management activities pose a threat of severe or irreversible damage to the environment or a threat to human welfare, The Organization will take explicit and effective measures to prevent the damage and avoid the risks to welfare, even when the scientific information is incomplete or inconclusive, and when the vulnerability and sensitivity of environmental values are uncertain (Source: FSC-STD-01-001 V5-2, based on Principle 15 of Rio Declaration on Environment and Development, 1992, and Wingspread Statement on the Precautionary Principle of the Wingspread Conference, 23–25 January 1998).

**Pre-harvest [condition]:** The diversity, composition, and structure of the forest or plantation prior to felling timber and appurtenant activities such as road building (Source: FSC-STD-60-004 V2-0).

**Principle:** An essential rule or element; in FSC’s case, of forest stewardship (Source: FSC-STD-01-001 V5-2).

**Priority social harms:** see the definition for social harm (Source: FSC-POL-01-007 V1-0)

**Protection:** See definition of Conservation (Source: FSC-STD-60-004 V2-0).

**Protection Area:** See definition of Conservation Zone (Source: FSC-STD-60-004 V2-0).

**Publicly available:** In a manner accessible to or observable by people generally (Source: FSC-STD-60-004 V2-0, based on Collins English Dictionary, 2003 Edition).

**Rare species:** Species that are uncommon or scarce, but not classified as threatened. These species are located in geographically restricted areas or specific habitats, or are scantily scattered on a large scale. They are approximately equivalent to the IUCN (2001) category of Near Threatened (NT), including species that are close to qualifying for, or are likely to qualify for, a threatened category in the near future. They are also approximately equivalent to imperiled species (Source: FSC-STD-60-004 V2-0, based on International Union for Conservation of Nature (IUCN). 2001. IUCN Red List Categories and Criteria: Version 3.1. IUCN Species Survival Commission. IUCN. Gland, Switzerland and Cambridge, UK).

**Ratified:** The process by which an international law, convention or agreement (including multilateral environmental agreement) is legally approved by a national legislature or equivalent legal mechanism, such that the international law, convention

or agreement becomes automatically part of national law or sets in motion the development of national law to give the same legal effect (Source: FSC-STD-01-001 V5-2).

**Reasonable:** Judged to be fair or appropriate to the circumstances or purposes, based on general experience (Source: FSC-STD-60-004 V2-0, based on Shorter Oxford English Dictionary).

**Reduced impact harvesting:** Harvesting (or logging) using techniques to reduce the impact on the residual stand (Source: Based on Guidelines for the Conservation and Sustainable Use of Biodiversity in Tropical Timber Production Forests, IUCN 2006).

**Refugia:** An isolated area where extensive changes, typically due to changing climate or by disturbances such as those caused by humans, have not occurred and where plants and animals typical of a region may survive (Source: FSC-STD-60-004 V2-0, based on Glen Canyon Dam, Adaptive Management Program Glossary as provided on website of Glen Canyon Dam website).

**Remedy:** To correct or return something as near as possible to its original state or condition (Source: Guiding Principles on Business and Human Rights. UN. 2011).

- For environmental harms this includes actions taken to remedy deforestation, conversion degradation, or other harms to natural forest and High Conservation Value areas. Environmental remedy actions may include but are not limited to: conservation of standing forests, habitats, ecosystems and species; restoration and protection of degraded ecosystems.
- For social harms this includes providing redress for identified social harms through agreements made during an FPIC-based process with the affected rights holders, and facilitating a transition to the position before such harms occurred; or developing alternative measures to ameliorate harms by providing gains recognized by the affected stakeholders as equivalent to the harms, through consultation and agreement. Remedy may be achieved through a combination of apologies, restitution, rehabilitation, financial or non-financial compensation, satisfaction, punitive sanctions, injunctions, and guarantees of non-repetition.

(Source: FSC-POL-01-007 V1-0).

**Remuneration:** includes the ordinary, basic or minimum wage or salary and any additional emoluments whatsoever payable directly or indirectly, whether in cash or in kind, by the employer to the worker and arising out of the workers employment (ILO Convention 100, Article1a).

**Repair:** Process of assisting the recovery of environmental values and human health (Source: FSC-POL-30-001)

**Representative Sample Areas:** Portions of the Management Unit delineated for the purpose of conserving or restoring viable examples of an ecosystem that would naturally occur in that geographical region (Source: FSC-STD-60-004 V2-0).

**Resilience:** The ability of a system to maintain key functions and processes in the face of stresses or pressures by either resisting or adapting to change. Resilience can be applied to both ecological systems and social systems (Source: FSC-STD-60-004 V2-0, based on International Union for Conservation of Nature (IUCN) World Commission on Protected Areas (IUCN-WCPA). 2008. Establishing Marine Protected Area Networks – Making it Happen. Washington D.C.: IUCN-WCPA National Oceanic and Atmospheric Administration and The Nature Conservancy.).

**Restitution:** Measures agreed with affected stakeholders to restore lands, properties or damaged natural resources to their original owners in their original condition. Where such lands, properties or natural resources cannot be returned or restored, measures are agreed on to provide alternatives of equivalent quality and extent. Restitution to affected rights holders is agreed on through an FPIC-based process (Source: FSC-POL-01-007 V1-0).

**Restoration/ Ecological Restoration:** Process of assisting the recovery of an ecosystem, and its associated conservation values, that have been degraded, damaged, or destroyed (Source: adapted from 'International principles and standards for the practice of ecological restoration'. Gann et al 2019. Second edition. Society for Ecological Restoration) (shortened version – refer to the FSC Remedy Framework for full definition).

NOTE: The Organization is not necessarily obliged to restore those environmental values that have been affected by factors beyond the control of The Organization, for example by natural disasters, by climate change, or by the legally authorized activities of third parties, such as public infrastructure, mining, hunting or settlement. FSC-POL-20-003 The Excision of Areas from the Scope of Certification describes the processes by which such areas may be excised from the area certified, when appropriate.

The Organization is also not obliged to restore environmental values that may have existed at some time in the historic or pre-historic past, or that have been negatively affected by previous owners or organizations – with the exception of those values negatively affected through instances of conversion and whose restoration form part of a Remedy Plan which The Organization is required to follow. In all instances, however, The Organization is expected to take reasonable measures to mitigate, control and prevent environmental degradation which is continuing in the Management Unit as a result of such previous impacts.

**Riparian zone:** Interface between land and a water body, and the vegetation associated with it (Source: FSC-STD-60-004 V2-0).

**Risk:** The probability of an unacceptable negative impact arising from any activity in the Management Unit combined with its seriousness in terms of consequences (Source: FSC-STD-01-001 V5-2).

**Scale:** A measure of the extent to which a management activity or event affects an environmental value or a Management Unit, in time or space. An activity with a small or low spatial scale affects only a small proportion of the forest each year, an activity with a small or low temporal scale occurs only at long intervals (Source: FSC-STD-01-001 V5-2).

**Scale, intensity and risk:** See individual definitions of the terms 'scale', 'intensity', and 'risk' (Source: FSC-STD-60-004 V2-0).

**Significant:** For the purposes of Principle 9, HCVs 1, 2 and 6 there are three main forms of recognizing significance.

- A designation, classification or recognized conservation status, assigned by an international agency such as IUCN or Birdlife International;
- A designation by national or regional authorities, or by a responsible national conservation organization, on the basis of its concentration of biodiversity;
- A voluntary recognition by the manager, owner or The Organization, on the basis of available information, or of the known or suspected presence of a

significant biodiversity concentration, even when not officially designated by other agencies.

Any one of these forms will justify designation as HCVs 1, 2 and 6. Many regions of the world have received recognition for their biodiversity importance, measured in many different ways. Existing maps and classifications of priority areas for biodiversity conservation play an essential role in identifying the potential presence of HCVs 1, 2 and 6 (Source: FSC-STD-01-001 V5-2).

**Silviculture:** The art and science of controlling the establishment, growth, composition, health and quality of forests and woodlands to meet the targeted diverse needs and values of landowners and society on a sustainable basis (Source: FSC-STD-01-001 V5-2, based on Nieuwenhuis, M. 2000. Terminology of Forest Management. IUFRO World Series Vol. 9. IUFRO 4.04.07 SilvaPlan and SilvaVoc).

**Small-scale smallholder:** Any person that is depending on the land for most of their livelihood; and/or employs labour mostly from family or neighbouring communities and has land-use rights on a Management Unit of less than 50 hectares. Standard developers may define this to less than 50 hectares (Source: FSC-POL-01-007 V1-0).

**Social harms:** Negative impacts on persons or communities, perpetrated by individuals, corporations or states, which include, but may go beyond, criminal acts by legal persons. Such harms include negative impacts on persons' or groups' rights, livelihoods and well-being, such as property (including forests, lands, waters), health, food security, healthy environment, cultural repertoire and happiness, as well as physical injury, detention, dispossession and expulsion (Source: FSC-POL-01-007 V1-0).

- **Ongoing social harms:** social harms which have not been remedied.
- **Priority social harms:** social harms prioritized by an FPIC-based process with affected rights-holders or identified in consultation with affected stakeholders (Source: FSC-PRO-01-007 V1-0. Shortened version - refer to the FSC Remedy Framework for full definition)

**Stakeholder:** See definitions for 'affected stakeholder' and 'interested stakeholder' (Source: FSC-STD-01-001 V5-2).

**Statutory law or statute law:** The body of law contained in Acts of Parliament (national legislature) (Source: Oxford Dictionary of Law).

**Tenure:** Socially defined agreements held by individuals or groups, recognized by legal statutes or customary practice, regarding the 'bundle of rights and duties' of ownership, holding, access and/or usage of a particular land unit or the associated resources there within (such as individual trees, plant species, water, minerals, etc.) (Source: FSC-STD-01-001 V5-2, based on International Union for Conservation of Nature (IUCN). Glossary definitions provided on IUCN website).

**The Organization:** The person or entity holding or applying for certification and therefore responsible for demonstrating compliance with the requirements upon which FSC certification is based (Source: FSC-STD-01-001 V5-2).

**Threat:** An indication or warning of impending or likely damage or negative impacts (Source: FSC-STD-60-004 V2-0, based on Oxford English Dictionary).

**Threatened species:** Species that meet the IUCN (2001) criteria for Vulnerable (VU), Endangered (EN) or Critically Endangered (CR), and are facing a high, very high or

extremely high risk of extinction in the wild. These categories may be re-interpreted for FSC purposes according to official national classifications (which have legal significance) and to local conditions and population densities (which should affect decisions about appropriate conservation measures) (Source: FSC-STD-60-004 V2-0, based on International Union for Conservation of Nature (IUCN). 2001. IUCN Red List Categories and Criteria: Version 3.1. IUCN Species Survival Commission. IUCN. Gland, Switzerland and Cambridge, UK).

**Timber harvesting level:** The actual harvest quantity executed on the Management Unit, tracked by either volume (e.g. cubic meters or board feet) or area (e.g. hectares or acres) metrics for the purpose of comparison with calculated (maximum) allowable harvest levels (Source: FSC-STD-60-004 V2-0).

**Timely manner:** As promptly as circumstances reasonably allow; not intentionally postponed by The Organization; in compliance with applicable laws, contracts, licenses or invoices (Source: FSC-STD-60-004 V2-0).

**Traditional Knowledge:** Information, know-how, skills and practices that are developed, sustained and passed on from generation to generation within a community, often forming part of its cultural or spiritual identity (Source: FSC-STD-60-004 V2-0, based on the definition by the World Intellectual Property Organization (WIPO). Glossary definition as provided under Policy / Traditional Knowledge on the WIPO website).

**Traditional peoples:** Traditional peoples are social groups or peoples who do not self-identify as indigenous and who affirm rights to their lands, forests and other resources based on long established custom or traditional occupation and use (Source: FSC-STD-60-004 V2-0, Forest Peoples Programme (Marcus Colchester, 7 October 2009).

**Transaction verification:** Verification by certification bodies and/or Assurance Services International (ASI) that FSC output claims made by certificate holders are accurate and match with the FSC input claims of their trading partners (Source: FSC-STD-40-004 V3-0).

**Trigger Value:** Trigger values are expressed as the value of toxicity exposure ratio (TER) above which exposure is considered to be an unacceptable risk. The TER is calculated based on the acute toxicity value and exposure for each pesticide. Its value will be local and will be based on exposure parameters.

**Uphold:** To acknowledge, respect, sustain and support (Source: FSC-STD-01-001 V5-2).

**Use rights:** Rights for the use of resources of the Management Unit that can be defined by local custom, mutual agreements, or prescribed by other entities holding access rights. These rights may restrict the use of particular resources to specific levels of consumption or particular harvesting techniques (Source: FSC-STD-01-001 V5-2).

**Vast majority:** 80% of the total area of Intact Forest Landscapes within the Management Unit as of January 1, 2017. The vast majority also meets or exceeds the minimum definition of Intact Forest Landscape (Source: FSC-STD-60-004 V2-0).

**Verifiable targets:** Specific goals, such as desired future forest conditions, established to measure progress towards the achievement of each of the management objectives. These goals are expressed as clear outcomes, such that their attainment can be

verified and it is possible to determine whether they have been accomplished or not (Source: FSC-STD-60-004 V2-0).

**Very Limited portion:** The area affected shall not exceed 0.5% of the area of the Management Unit in any one year, nor affect a total of more than 5% of the area of the Management Unit (Source: FSC-STD-01-002).

**Waste materials:** unusable or unwanted substances or by-products, such as:

- Hazardous waste, including chemical waste and batteries;
- Containers;
- Motor and other fuels and oils;
- Rubbish including metals, plastics and paper; and
- Abandoned buildings, machinery and equipment (Source: FSC-STD-60-004 V2-0).

**Water bodies** (including water courses): Seasonal, temporary, and permanent brooks, creeks, streams, rivers, ponds, and lakes. Water bodies include riparian or wetland systems, lakes, swamps, bogs and springs (Source: FSC-STD-60-004 V2-0).

**Water scarcity:** A water supply that limits food production, human health, and economic development. Severe scarcity is taken to be equivalent to 1,000 cubic meters per year per person or greater than 40% use relative to supply (Source: Millennium Ecosystem Assessment. 2005. Ecosystems and Human Well-Being: Policy Responses. Findings of the Responses Working Group. Washington DC: Island Press, Pages 599-605).

**Water stress:** Occurs when the demand for water exceeds the available amount during a certain period or when poor quality restricts its use. Water stress causes deterioration of freshwater resources in terms of quantity (aquifer over-exploitation, dry rivers, etc.) and quality (eutrophication, organic matter pollution, saline intrusion, etc.) (Source: UNEP, 2003, cited in Gold Standard Foundation. 2014. Water Benefits Standard).

**Wetlands:** Transitional areas between terrestrial and aquatic systems in which the water table is usually at or near the surface or the land is covered by shallow water (Source: FSC-STD-60-004 V2-0, based on Cowardin, L.M., Carter, V., Golet, F.C., Laroe, E.T. 1979. Classification of Wetlands and Deepwater Habitats of the United States. DC US Department: Washington).

Under the Ramsar Convention, wetlands can include tidal mudflats, natural ponds, marshes, potholes, wet meadows, bogs, peatlands, freshwater swamps, mangroves, lakes, rivers and even some coral reefs (Source: FSC-STD-60-004 V2-0, based on International Union for Conservation of Nature (IUCN), No Date, IUCN Definitions – English).

**Workers:** All employed persons including public employees as well as ‘self-employed’ persons. This includes part-time and seasonal employees, of all ranks and categories, including laborers, administrators, supervisors, executives, contractor employees as well as self-employed contractors and sub-contractors (Source: FSC-STD-60-004 V2-0, based on International Labor Organization (ILO) Convention 155, Occupational Safety and Health Convention, 1981).

**Workers’ organization:** any organization of workers for furthering and defending the interest of workers\* (adapted from ILO Convention 87, Article 10). It is important to note that rules and guidance on composition of workers’ organization vary from



country to country, especially in relation to those who are considered as rank and file members, as well those who are deemed to have power to “hire and fire”. Workers’ organizations tend to separate association between those who can “hire and fire” and those who cannot (Source: FSC-STD-60-004 V2-0, based on report on generic criteria and indicators based on International Labour Organization (ILO) Core Conventions principles, 2017).

**Worst forms of child labour:** comprises a) all forms of slavery or practices similar to slavery, such as the sale and trafficking of children, debt bondage and serfdom and forced labour, including forced or compulsory recruitment of children for use in armed conflict; b) the use, procuring or offering of a child for prostitution, for the production of pornography or for pornographic performance; c) the use, procuring or offering of a child for illicit activities, in particular for production and trafficking of drugs as defined in the relevant international treaties; d) work which, by its nature or the circumstances in which it is carried out, is likely to harm the health, safety or morals of children (Source: FSC-STD-60-004 V2-0, based on International Labour Organization (ILO) Convention 182, Article 3).



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