

THE AEFC* GLOBAL FOREST STANDARD VERSION 2.0.1

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Version 2.0: The AEFC Global Forest Standard approved by the Extraordinary General Meeting on the 28th of August 2025. Includes some amendments to Part A (Forest management) and as new Parts B (AEFC EverCover – Chains of custody) and C (AEFC Group certification).

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PART A FOREST MANAGEMENT

REGULATION 1: LEGAL COMPLIANCE AND LAND TENURE 3
REGULATION 2: WORKERS' RIGHTS AND CONTRACTING5
REGULATION 3: INDIGENOUS PEOPLES'* RIGHTS7
REGULATION 4: LOCAL COMMUNITIES*
REGULATION 5: FOREST MANAGEMENT ACTIVITIES*9
REGULATION 6: ENVIRONMENTAL VALUES AND BIODIVERSITY CONSERVATION14
REGULATION 7: PLANTATIONS*, ALIEN TREE SPECIES* AND FOREST RECONSTITUTION23
REGULATION 8: MANAGEMENT PLANNING, ECONOMICS, MONITORING AND ASSESSMENT25
PART B AEFC* EVERCOVER* - CHAINS OF CUSTODY*
REGULATION 9: OBJECTIVES OF CHAINS OF CUSTODY29
REGULATION 10: EVERCOVER* COC* GENERAL REQUIREMENTS29
REGULATION 11: MATERIAL SOURCING30
REGULATION 12: EVERCOVER* WOOD PRODUCT MANUFACTURING CONVERSION FACTORS31
REGULATION 13: ESTABLISHMENT OF <i>PRODUCT GROUPS*</i> FOR THE CONTROL OF AEFC EVERCOVER CLAIMS*32

REGULATION 14: MAINTENANCE OF A CREDIT SYSTEM32
REGULATION 15: EVERCOVER* LABELLING REQUIREMENTS
REGULATION 16: OUTSOURCING*/CONTRACTING*
REGULATION 17: ELIGIBILITY FOR SINGLE/MULTI COC* CERTIFICATION
PART C AEFC* GROUP CERTIFICATION*
REGULATION 18: OBJECTIVES OF GROUP CERTIFICATION*35
REGULATION 19: ESTABLISHMENT OF FOREST MANAGEMENT GROUPS
REGULATION 20: REQUIREMENTS FOR <i>GROUP MEMBERS*</i> (<i>FOREST OWNERS*</i> AND THEIR ACCREDITED REPRESENTATIVES)
REGULATION 21: DIVISION OF RESPONSIBILITIES
REGULATION 22: GROUP SIZE
REGULATION 23: MULTINATIONAL GROUPS
REGULATION 24: ADDING NEW MEMBERS TO A GROUP
REGULATION 25: PROVISION OF INFORMATION TO MEMBERS
REGULATION 26: GROUP RULES*
REGULATION 27: GROUP RECORDS38
REGULATION 28: INTERNAL MONITORING39
REGULATION 29: CHAINS OF CUSTODY (COC)*
REGULATION 30: GCM* DEFAULTING41
GLOSSARY OF TERMS

PART A FOREST MANAGEMENT

1. REGULATION 1: LEGAL COMPLIANCE AND LAND TENURE

Forest management under this standard is to respect all applicable laws of the country in which they occur, all relevant international treaties and agreements to which the country is a signatory and comply with all the regulations set out in this standard.

1.1. Demonstrating the legal status and land tenure of the forest owner*

The forest owner* must be a person or legal entity with undisputed legal ownership or custodial documentation.

Clear evidence of legal ownership rights and use rights to the land (e.g. land title, *customary rights**, or lease agreements) put forward for certification must be shown. The area to be certified is to be clearly and accurately delineated using digital techniques whenever possible.

The certified unit is a legally registered forest property unit. Individual units must be certified in their entirety. *Forest owners** are not required to certify all their properties.

1.2. Tenure dispute resolution

Appropriate mechanisms must be employed to resolve disputes over tenure claims and land use rights. The circumstances and status of any outstanding disputes must bey considered when evaluating the granting of AEFC certificates. Disputes of substantial magnitude or those involving a significant number of interests will normally disqualify an operation from being certified.

The forest owner* must document conflict situations related to forest operations* and the status of their resolution, as well as actively contribute to obtaining resolutions.

1.3. Legal compliance by the forest owner*

The forest owner* must comply with all relevant national legal requirements (e.g. Forestry Laws, Nature Protection Laws, Environmental Impact Assessment Laws) as well as relevant international agreements (such as CITES, ILO, ITTA, The CBD) in forest management. Compliance with such agreements is required even if the forest(s) to be certified are located in a country that is not signatory to them.

1.4. Legal compliance by service providers*

The forest owner* is to require that their forest service providers* comply with this Standard as well all national laws relevant to its implementation.

1.5. Conflicts of law and this Standard

Conflicts between national laws and regulations, and the requirements of this standard, will be evaluated for the purposes of certification, on a case-by-case basis, by *The AEFC**.

1.6. Illegal activities

The forest owner* is to take reasonable measures to prevent illegal or unauthorised activities by third parties taking place in the certified forest holdings. If such activities are present or suspected, the forest owner* is to take the necessary action to stop them, including notifying the appropriate authorities.

1.7. Anti-corruption

By signing up to this Standard, *the forest owner** commits to not offer or receive bribes in any form. *The forest owner** must comply with anti-corruption legislation where this exists. Where no anti-corruption legislation exists, other adequate anti-corruption measures must be implemented by *the forest owner**.

Note: If *the forest owner** is an *organisation**, it is to publicly commit to anti-corruption activities.

1.8. Debts and taxes

The forest owner* should not have outstanding forest-related unpaid fees, royalties, taxes or comparable debts.

Examples: Income tax on timber sales; Value-added taxes related to *forest management**; Employer tax levies.

1.9. Commitment to the standard

Forest owners* wishing to join this Standard and receive its benefits must commit in writing to upholding The Standard* and the mandatory Forest Management Plan* (FMP*) created therein in their entirety, and agree to submit to independent audits of their management. The forest owner* may resign from The Standard with six (6) months' notice, during which time The Standard must continue to be upheld in all the owner's certified forest holdings.

2. REGULATION 2: WORKERS' RIGHTS AND CONTRACTING*

2.1. Complying with the ILO Declaration on Fundamental Principles and Rights at Work

The forest owner* must comply with the principles outlined in the International Labour Organisation's (ILO) Declaration on Fundamental Principles and Rights at Work. These principles must also be followed in countries that have not ratified the conventions underlying the declaration.

2.2. Complying with labour laws and wage requirements

The forest owner* must comply with national labour legislation and possible forest industry labour and wage agreements.

If there is no applicable wage agreement or statutory minimum wage, the employer must demonstrate negotiations on working together with the employees to agree on a fair living wage for the region.

2.3. Safety standards and requirements for adequate training and supervision

If the forest owner* employs forest workers directly, the owner must ensure that all working health and safety standards for the industry are met. These standards must comply with the recommendations of the ILO Code of Practice on safety and health in forestry work.

The forest owner* must ensure that employees have adequate training and supervision for performing their tasks properly and safely.

2.4. Gender equality

The forest owner* must respect and promote gender equality throughout its forest management.

2.5. Contracting*

When a certified *forest owner** is *contracting** services relevant to any *EverCover** regulation, a written agreement should be signed. The agreement must oblige the *contracted** party to fulfil all relevant obligations to which the certified *forest owner** is bound by this standard and to participate fully in any *auditing** process involving the certified *forest owner**.

The agreement should also oblige the *contracted** party to include the same regulations in any *subcontracting** agreement.

The certified *forest owner** is responsible for ensuring that all *contractors** are aware of their responsibilities with regard to this standard.

If there is any doubt as to whether a service, delivery or activity should be deemed relevant to the regulations in this standard, advice should be sought from the *auditor** or the national *AEFC representative**.

3. REGULATION 3: INDIGENOUS PEOPLES'* RIGHTS

- **3.1.** *Indigenous Peoples** and their legal and *customary rights** to own, use and manage lands, territories, and resources affected by forest management activities is to be recognized and respected by *the forest owner**.
- **3.2.** All forest owner's* decisions and actions regarding forest management activities and landuse affecting *Indigenous Peoples** or their rights must be approved by the *Indigenous Peoples'** designated governing bodies. Such approval requires Free, Prior and Informed Consent*.
- **3.3.** Forest management planning and its implementation is to avoid negative social, environmental and economic impacts on affected *Indigenous Peoples** and their Communities.
- 3.4. Sites* of special cultural, ecological, economic, religious or spiritual significance to Indigenous Peoples* are to be clearly identified in cooperation with such peoples and recognized and protected by the forest owner*. (See also 6.1. Note 1). The forest owner* is to follow the following IUCN guidelines about sacred natural sites*: Wild, R. and McLeod, C. (Editors) (2008). Sacred Natural Sites*: Guidelines for Protected Area Managers. Gland, Switzerland: IUCN.
- **3.5.** The forest owner* is to realise and sustain the legal and customary rights* of Indigenous Peoples* to maintain control over forestry operations* to the extent needed to protect their rights, resources, lands and territories.
- **3.6.** Any sale of state or municipal land within *Indigenous Peoples*'* homeland regions is to only go ahead if approved by the *Indigenous Peoples*'* designated governing bodies. Such approval requires Free, Prior and Informed Consent*.
- **3.7.** In joining this Standard, *the forest owner** acknowledges and respects the rights, traditions, and cultural heritage of *Indigenous Peoples**, as outlined in the United Nations Declaration on the Rights of Indigenous Peoples (2007) and ILO Convention 169 (1989).
- **3.8.** Management plans and their implementation must not cause harm to *Indigenous Peoples* '* traditional ways of life, such as animal husbandry, traditional agriculture or fishing, hunting, gathering berries and mushrooms, hiking or spiritual practices.

4. REGULATION 4: LOCAL COMMUNITIES*

- **4.1.** Local Communities* and their legal and customary rights* to own, use and manage lands, territories, and resources affected by forest management activities are to be recognized and respected by the forest owner*.
- **4.2.** The forest owner* must respect the legal and customary rights* of Local Communities* during forestry operations*, protecting their rights, resources, lands and territories.
- **4.3.** Forest management planning and implementation is to avoid negative social, environmental and economic impacts on affected *Local Communities**.
- **4.4.** In case where *Local Communities** could be affected by management activities, the certificate holder is to consult about the intended management with designated representatives of *Local Communities**. Special attention should be paid when the forest is used as a recreational area, is situated inside or in the vicinity of settlements or has other special importance for *Local Communities**. The views of *Local Communities**, as well as the way how they have been considered in the plans, is to be documented.
- **4.5.** Sites* of special cultural, ecological, economic, religious or spiritual significance to Local Communities* are to be clearly identified in cooperation with Local Communities* and recognized by the forest owner*, and appropriately taken into account in forest management planning and implementation. Consultation with representatives of Local Communities* must be carried out if needed or requested. The views of Local Communities*, if given, are to be documented. (See also 6.1. Note 1).
- **4.6.** Management plans and their implementation must not cause harm to *Local Communities*'* traditional ways of life, such as animal husbandry, traditional agriculture or fishing, hunting, gathering berries and mushrooms, hiking or spiritual practices.

5. REGULATION 5: FOREST MANAGEMENT ACTIVITIES*

Forest management under this standard is based on Continuous Cover Forestry* (CCF*).

In CCF*, the forest is kept continuously covered by trees, applying flexibly the principles of natural forest dynamics in accordance with the stand* structure, the quality and location of the site, and the objectives of the forest owner*. In a forest stand*, all native tree species* present are nurtured so that their genetic, age and size-related diversity is promoted. As a main method, selected mature large trees are removed by thinning from above in order to facilitate space for smaller and younger trees to grow and for regeneration*. Where necessary, smaller trees are also felled. The forest is generally regenerated* through stand density* regulation without soil surface scarification*.

The Intention of this standard is that forest management planning and treatments are carried out in a way that negative impacts to the forest ecosystem are minimized.

5.1. Extent of felling

5.1.1. No clearcuts* are allowed.

Note 1: "Clearcut*" does not here imply only removal of every single tree but also thinning below the nationally set legal thinning limit*. If no legal thinning limit* exists, it is to be determined by the National Working Group* for The National Standard* or, if the National Working Group* does not yet exist, by the AEFC* overseeing development and generic application of this Standard.

Each and every *National Standard** must be set on a level that safeguards healthy rich ecosystems.

- 5.1.2. Creation of gaps* (small clearings*) up to 0.1 ha in size can be made if it is deemed essential in order to:
 - a) regenerate* pioneer tree species* successfully or speed up regeneration* in mature stands* with even-sized stand* structure.
 - b) minimise windfalls in transition from even-sized stands* to CCF*.
 - c) eradicate severe cases of *Heterobasidion** or correspondent *fungal pathogens**, bark beetle infestations or comparable pests.
 - d) facilitate the transition phase to CCF*.
 - e) mimic natural disturbances.

The maximum size of a *clearing** may be enlarged because of serious pest outbreaks or other reasons if required by law or agreed by *the* national *AEFC representative**.

- 5.1.3. The maximum area of an individual man-made canopy gap* is 0.1 ha. The minimum distance from maximum size gap* to any other gap* is 20 m. An edge of a gap* is defined by the crown projections* of the surrounding trees. Removals of three or more (dominant top/upper canopy layer trees*) adjacent trees larger than the average dbh* of the stand* are interpreted as gaps*.
- 5.1.4. The maximum total *canopy gap** sum, outside the *strip roads**, separately for every hectare is 0.3 ha (i.e., 30% of the area).

- **Note 1:** If national legislation (e.g., cases of an exceptionally high *legal basal area limit**) or local conditions (e.g species requiring larger *gaps** to *regenerate**) require changes to these criteria, they can be prescribed in the *National Standard**.
- 5.1.5. Natural gaps* such as non-productive areas* and gaps* where fallen trees are left in the forest are not included in the combined man-made gap* size.
- 5.1.6. The gaps* are no longer included in the 0.3-ha total area when they have established regeneration*.

Established regeneration*: At least 500 saplings*/ha and average height at least 5 m.

- 5.1.7. A new gap* can be created next to a previous gap* when the dominant height* of the trees in the previous gap* is more than half of the surrounding dominant height* but at least 5 meters.
- 5.1.8. The maximum width of *strip roads** from which trees may be cleared is 5 m (from trunk surface to trunk surface, tree to tree) or less if set by national legislation.
 - Strip roads* are to be designed so that damage to the soil caused by timber harvesting and forest transportation is minimized. More accurate requirements are to be defined in the National Standards*.
- 5.1.9. *Undergrowth** may be cleared only to the extent necessary to carry out *silvicultural* measures* in the forest (e.g., *strip road** creation, trees felled to enhance regeneration*).
- 5.1.10. Timber harvesting is to be carried out in a way that avoids causing damage to remaining living trees, *deadwood**, *seedlings** and *soil*.

5.2. Regeneration*

- 5.2.1. *Natural regeneration** is to be used whenever possible.
- 5.2.2. Soil surface scarification* is only allowed if necessary for facilitating natural regeneration*. In exposing the mineral soil surface only careful methods of scarification* appropriate to the region are to be used.
 - Note 1: Careful methods of scarification* are to be defined in the National Standards*.
- 5.2.3. Whenever artificial regeneration* is needed (e.g. in the transition phase to CCF* or in preparing for climate change) seeds or seedlings* of native species* and suitable origin must be used. The native species* and the origin of seeds and seedlings* suitable for the site is to be defined in the National Standards*.
- 5.2.4. Genetically manipulated regeneration material* is not allowed.
- 5.2.5. Fencing for regeneration protection is permitted if agreed by the *AEFC** representative*. Fencing must be removed when protection is no longer needed.

5.3 Pre-commercial thinning

Pre-commercial thinning is only allowed if it is well-reasoned and supports the aims of this standard:

- 5.3.1 Possible pre-commercial thinning of young stands*, patches of young trees, and undergrowth* is to aim at maintaining or creating an uneven-sized* and spatially diverse stand* structure; for improving or maintaining growing conditions of commercially viable saw-timber and creating or maintaining biodiversity values. Precommercial thinning that reduces the number of canopy layers and/or number of native tree species* present (See 6.6.) in the stand* or creates even-structured stands*, is not allowed.
 - **Note 1**: The aim and the rational of the pre-commercial thinning of each specific *stand** according to 5.3.1. must be documented in the *FMP**.
 - **Note 2**: Acceptable cases of thinning for creating or maintaining biodiversity values are to be listed in the *National Standards**.
- 5.3.2 Pre-commercial thinning of young stands* is not allowed below possible national legal limits (stems per hectare). Higher minimum limits can be set in the *National Standards**.
 - **Note 1:** The minimum area for assessing *tree density** is a circular sample plot with a radius of 3.99 meters. Only trees with a height of more than 1,3 meters are taken into account.
- 5.3.3 Pre-commercial thinning of *undergrowth** is not to be carried out to below a density that may weaken the *uneven-sized** and diverse structure of the *stand**.
- 5.3.4 Pre-commercial thinning must be carried out so that a large mixture of native tree species* is favoured. All native tree and shrub species* present in the stand* before pre-commercial thinning are to be present also afterwards.
- 5.3.5 Tree species and shrubs desirable for pollinating insects and other animals are to be largely preserved, especially where the *stand** borders other types of land.
- 5.3.6 In the pre-commercial thinning, *shelter thickets** left unthinned must cover at least 3 % of the *stand** area. The minimum size of a single *shelter thicket** is 100 m².
- 5.3.7 Trees growing under the crowns of *retention trees** are also to be preserved unless biodiversity reasons demand otherwise.

5.4. Ditches*

5.4.1. *Ditching** or maintenance of an existing *ditch** network draining forest, mires, bogs, swamps or open water is not allowed, with the exception of *ditches** necessary for draining other types of land, infrastructure or constructions, as well as other landowners' land who wish to continue draining.

5.5. Fertilisers*

- 5.5.1. *Fertilisation** is not permitted, with the following exceptions:
 - a) Wood ash fertilisation* in ditched* peatland forests once every 30 years.
 - b) Boron *fertilisation** for growth disturbances on former agricultural lands if necessary.

Forest owners* must comply with national legislation and management plans of protected areas* in matters concerning fertilisation*.

Note 1: Fertilisers* may only be used based on a verified and documented need.

5.5.2. Protection of waters

The forest owner* is not to apply fertilisation* in important groundwater areas* as defined by regional and national authorities. The forest owner* is to minimise the impacts of fertilisation* on water resources by leaving unfertilised buffer zones with the following minimum widths between the fertilised area and the water:

- a) Rivers, seas, lakes and ponds*: 50 m
- b) brooks*, springs*: 20 m
- c) ditches*: 5 m

5.6. Chemicals

- 5.6.1. Management systems under this Standard are to use only biological and mechanical pest*, weed and fungal control*, except
 - a) if required by the authorities in exceptional circumstances. If chemicals are used in exceptional circumstances, proper equipment and training is to be provided to minimize health and environmental risks.
 - b) for reducing bark beetle or other damaging pest populations (e.g. *Ips typographus, Pityogenes chalcographus* and *Lymantria monacha*) with pheromone traps equipped with a water container for pest collection.
 - c) Using urea for treatment of stumps to prevent spreading of *Heterobasidion root rot** or other *fungal pathogens**.

Treatment of stumps to prevent spreading of *Heterobasidion root rot** or other *harmful decaying fungi** must be used during felling whenever there is no snow cover and the air temperature is expected to exceed zero degrees centigrade during the next 24 hours. Areas where this rule applies are defined in the *National Standards**. *Antagonistic fungal preparations** are recommended, if possible, rather than urea solutions (see 5.6.1.c.).

Note 1. Urea is strongly alkaline. Its use must comply with the prescribed occupational safety regulations. When used near *water bodies** a protective buffer zone of at least 10 meters is required. In groundwater areas urea use is prohibited.

5.6.2. Use of chemical pesticides*

Chemical pesticides* may not be used under this Standard unless required by national or regional authorities in exceptional circumstances (e.g. prevention of dangerous pests or *invasive species** accidentally introduced).

5.7. Biological control/fungicides

In treatment of stumps to prevent spreading of *Heterobasidion root rot** or other harmful *decaying fungi** it is recommended to use *antagonistic fungal preparations** instead of urea.

Treatment of stumps must be carried out during felling whenever there is no snow cover and the air temperature is expected to reach above zero degrees centigrade during the following 24 hours. Areas where this rule applies are defined in the *National Standards**. *Antagonistic fungal preparations** are recommended rather than urea solutions (see 5.6.1.c.).

6. REGULATION 6: ENVIRONMENTAL VALUES AND BIODIVERSITY CONSERVATION

Forest management is to take all the measures described below to conserve biological diversity and its associated values, as well as water resources, soils, carbon sinks, forest ecosystems and associated landscapes.

6.1. Assessing and preserving Forests' High Conservation Values*

Forest owners* are required to assess all the conservation values (listed below) of their certified holdings in accordance with the categories listed below as *High Conservation Value** (*HCV**) areas* and objects*, and to note all such identified values in their *Forest Management Plan**. No logging or other habitat transforming activities may take place under this Standard before *HCV areas** and objects* have been mapped and taken into account in writing.

High Conservation Value* areas and objects include:

- 1) High Conservation Value (HCV)* Forests: Forests with significant value in terms of their biodiversity, ecosystem services, social or cultural significance.
- 2) Other *High Conservation Value** areas and objects: *Water bodies**, wetlands, other treeless areas, buildings, sacred trees and stones etc.

The AEFC* standard uses the six thematic categories of HCV* forests, areas and objects defined by the Forestry Stewardship Council*, (FSC*, FSC Principles and Criteria for Forest Stewardship, FSC-STD-01-001 V5-3 EN, page 21):

- **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 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*.

These categories are to be further defined to the appropriate national or regional levels in the *National Standards**.

Environmental impacts is to be especially considered in the planning, instruction and implementation of possible operations in all types of *HCV** forests as well as *sites** known and documented to be of local or regional ecological, social or cultural value. In cases where the Standard allows it, for such *sites** the construction of new forest roads and *forest operations** must be reported in advance to major national (and local, if asked to be notified) NGOs dealing with forest social and/or conservation issues, if such NGOs exist.

Note 1: Assessing *High Conservation Values* (*HCV**) implies compulsory consultation on (1) Authorities' and NGO databases of rare habitat types and species (see also "Species protection"). Relevant NGOs and NGO databases, if they exist, are listed in the *National Standards**; (2) Authorities' and NGO databases of Cultural Values (*HCV* 6*) and Community needs (*HCV* 5*) and antiquities experts at historic *sites**; (3) With *Indigenous Peoples'** representatives where relevant; (4) With *Local Communities'* representatives where relevant. Other sources of information such as consulting national and local environmental NGOs are recommended; relevant information volunteered by NGOs or experts must be taken into account even if not solicited.

Note 2: Where relevant, in assessing environmental and conservation values, whether of habitat types or species, recognised local expertise of high quality must be used. Such experts must be approved by the AEFC's* *National Working Group** or, if one does not yet exist, by *the AEFC** or the *AEFC*'s accredited local representative*.

Note 3: The forest owner* is not to change the land-use class of high conservation value (HCV)* areas or habitats to be always preserved (see 6.1.1.-6.1.3.) in ways that endaner their conservation or other values, unless obliged to do so through an official planning process (statutory land-use planning) initiated by national or regional authorities.

6.1.1. Protecting pristine and key habitats and their buffer zones (set-asides* for biodiversity)

For certification to take place under this Standard, the owner is required to assess and submit to *the auditor** a list and a map of all areas and objects on their holdings fulfilling the criteria listed in 6.1.1. After initial audit, all such *sites** must be marked in the owner's *Forest Management Plan** (*FMP**).

The following habitats must always be fully preserved (with their necessary buffer zones), i.e. are to not be logged or otherwise transformed at all (see exception in note 2), regardless of *stand** size:

- a) Habitats representing habitat types protected by regional, national or international law;
- b) Habitats representing rare habitat types;

- c) Forests fulfilling the FAO criteria for pristine forests*.
- d) Other forest with little or no signs of human intervention having taken place for a long period of time ("long period of time" to be defined in the *National Standards**)
- e) Forest stands* with significant amounts of dead wood*;
- f) Areas subjected to a forest fire and meeting the following conditions: 1) No significant management evident for at least 20 years since the fire (Low-impact post-fire selective logging does not count as significant treatment). 2) The area must contain fire stumps and/or trees damaged by the fire. Burned saw-stumps do not count as fire stumps.
- g) Forests on steep slopes (escarpments and their vicinity, slopes so steep that logging would cause a significant risk of erosion or windthrows etc.);
- h) High-altitude forests* (to be defined in the National Standards*);
- i) Forest stands* containing species 1) protected by regional, national or international law and 2) not tolerant of any form of logging;
- j) Forest stands* whose values, e.g. significant biodiversity (=high importance for nationally or regionally endangered species), are not tolerant of any form of logging. k) *Unditched** peatlands such as mires, swamps and other wetlands with or without tree cover.
- l) Low-productive* and non-productive forest land*

The set-asides* are permanent.

Note 1: The listing is not exhaustive. *National Standards** may need to add more habitat types on the list, and in any case compose more detailed definitions of specific habitats as well as their required characteristics and quality.

Note 2: Well-reasoned management activities for maintaining or increasing the biodiversity values of habitats including continuing traditional close-to nature management by local people, are allowed if approved by the *AEFC** or the AEFC's accredited local representative*. Other than these, logging or *ditch** digging (including *ditch** maintenance) in areas and objects of this category automatically disqualifies an already certified *forest owner** from further certification for a minimum of 5 years.

6.1.2. Set-asides* for recreational or spiritual reasons and special economic reasons

Forests of very high local or regional recreational, spiritual or non-timber economic value must always be fully preserved, i.e. no logging that would threaten these values is allowed. Such set-asides* are permanent.

Note 1: Well-reasoned exceptions can be defined in the *National Standards**.

6.1.3. Set-aside* network

The set-asides* are permanent. It is not allowed to alter the locations of set-asides* later, but the area and number of them can be increased. Permanent set-asides* are to represent a minimum 10 % of the certified forest holding's productive forest land*.

Any set-asides* representing low-productive forest land* or non-productive land* do not contribute to fulfilling the 10 % minimum threshold. If productive forest land* compulsorily set aside according to indicators 6.1.1 and 6.1.2 equals or exceeds 10% of the forest holding's productive forest land*, no additional productive forest land set-asides* on top of the compulsory set-asides* are required. In cases where productive forest land* under indicators 6.1.1 and 6.1.2 together does not cover at least 10% of the forest holding's total productive forest land*, additional permanent, productive forest land* set-asides* are required to fulfil the 10% minimum requirement. The additional set-asides* are to be selected from the objects of highest conservation value based on their characteristics and/or location (e.g. next to a HCV* area or object). Regulations according to indicator 6.1.1 apply also to these additional set-asides*.

Note 1: Delineation of all *set-asides** must be carried out by a person with sufficient skills, and taking into account national conditions.

Note 2: If *productive forest land* set-asides** fulfilling *the criteria** of this Standard already exist on the owner's holdings prior to certification by this Standard, they will count towards the 10% total.

Note 3: The set-asides* may be eligible for government purchase for voluntary protection in countries where such policies exist. If government purchase is realised, the area still counts towards the 10% set-aside threshold*. Productive forest land* areas sold for permanent conservation up to five years before certification can also be included in the 10% set-aside threshold*, but sites* sold before that will not do so. The purchase must be clearly documented.

Note 4: While efforts will be made to raise *financial compensation** to the landowner for conserving *set-asides** covering more than 10% of their forest land, *the AEFC** cannot guarantee success in securing such funds. All compulsory *set-asides** must nonetheless be guaranteed full protection for certification to take place.

6.1.4. Documentation of set-asides*

All set-asides* are to be marked (including on maps) in the forest owner's* Forest Management Plan* (FMP*), in a manner that tells productive forest land* set-asides* apart from the set-asides* on low-productive* and non-productive land*.

6.1.5. Preservation of High Conservation Values* outside of set-asides*

Management activities in *HCV forests** outside of *set-asides** is to maintain or enhance the attributes which define such forests, and decisions regarding their management are to always be considered in the context of a precautionary approach.

Forests of HCV^* for biodiversity may only be managed if it is established that management will not harm the populations and characteristics for which the forest

has been designated of HCV*.

Forests defined as of *HCV** for other reasons than biodiversity must be managed in a manner that maintains or enhances the attributes which define them.

Note 1: Consultation on all *HCV** management under 6.1.5. must be sought from acknowledged experts, whose recommendations are noted in the *Forest Management Plan** for further implementation.

Note 2: The effects of eventual management on HCV^* forests under 6.1.5. are to be monitored; negative effects must lead to modification of the management procedures without delay, at the latest within six months of notification by the *auditor** or outside parties.

6.2. Species protection

Safeguards must exist which protect nationally and regionally rare, threatened and endangered species and their habitats (e.g., breeding, feeding and flowering *sites**). All hunting, fishing, trapping and collecting of such species is to be prohibited unless specifically allowed by law.

6.2.1. Data sources

The forest owner* is to request from authoritative data sources, insofar as such exist, the data on the occurrence of nationally and regionally endangered and rare species (categories NT, RT, VU, EN, CR and DD) and nationally or regionally protected species.

Species occurrence data is to be requested from both the certified area and its vicinity at relevant distance. The information is to be recorded in the *Forest Management Plan**. The obligation to obtain information applies to observations made after 1995 that have been reported with sufficient accuracy (coordinate point with ten-meter accuracy).

Note 1: If the *forest owner** has demonstrably requested but not received species occurrence data, this is not considered a deviation from the requirements of the indicator.

Note 2: Additional consultation with species-oriented NGOs such as *BirdLife** and *PlantLife** is required; relevant and accurate information furnished by expert NGOs or experts is to be taken into account even if unsolicited.

Note 3: Requirements for species protection will vary, and require consultation with expert ecologists. Such experts must be approved by *the AEFC's* National Working Group** or, if one does not yet exist, by *the AEFC** or *the AEFC's accredited local representative**.

Note 4: Information on species' occurrence is to be updated annually into the FMP*.

- 6.2.2. No logging may be carried out during the core part of *birds' breeding season**. Additionally, no logging is to take place in the vicinity of known inhabited nests of rare large birds such as eagles, owls, storks, larger hornbills etc. The off limits area, i.e. "the vicinity", for each species or species group is to be determined at the national level through expert consultation.
 - **Note 1:** Additional consultation with species-oriented NGOs such as *BirdLife** is required; relevant and accurate information furnished by such expert NGOs or acknowledged individual experts is to be taken into account even if unsolicited.
- 6.2.3. There is to be no logging in the vicinity (less than 50 m) of internationally, nationally and regionally significant wetlands (e.g. shallow lakes, *ponds**, shallow sea bays, flooded swamps).
 - **Note 1:** Well-reasoned management activities for maintaining or increasing the biodiversity values of habitats including continuing traditional close-to nature management by local people, are allowed if approved by the *AEFC** or the AEFC's accredited local representative*.

6.3. Retention trees*

6.3.1. In stands* with a mature canopy layer, at least 20 living trees/ha of 20 cm dbh* minimum (if no 20 cm dbh* trees are present then the next largest ones) are to be left as permanent retention trees*. Retention trees* must include individuals of the dominant* and other natural tree species* of the stand* including trees of the largest dimensions and trees that have grown only slowly.

In *stands** with a canopy layer younger than mature, *retention trees** from previous loggings (if such exist) are to be retained.

- 6.3.2. The following trees are always protected regardless of species, size or number:
 - a) Tree species protected by law or otherwise listed as threatened.
 - b) Trees of rare native species, defined in *National Standards** by regions.
 - c) Individual or small groups of trees of exceptional size for the region (*dbh*'s* to be defined in *National Standards**).
 - d) Cavity trees.
 - e) Nesting trees of raptors and other large birds or animals (see also 6.2.).
 - f) Fire-scarred trees, up to 50 trees/ha.
 - **Note 1:** The listed trees do not refer to commercially grown special trees.
 - Note 2: Retention trees* are to not be left in the immediate vicinity of power lines or

roads, if it is clear that they pose a risk to them.

6.4. Dead wood*

- 6.4.1. Dead wood* removal is generally not allowed.
- 6.4.2. If a large amount of fresh *dead wood** is simultaneously created by a natural disturbance, harvesting is allowed but so that a minimum of 30 m³/ha is left, unless legislation requires that more fresh *dead wood** than this must be harvested).

Exceptions to the above are coniferous trees:

Spruce: leave at least 10 m3/ha

Thick barked pine: leave at least 20 m3/ha

6.4.3. If the existing amount of *dead wood** on a plot undergoing timber harvesting is less than 5 m3/ha, new *dead wood** (*dbh** at least 10 cm, including the main *natural tree species**), must be created to meet the 5 m³/ha minimum. This applies to a *stand** where more than 30 m3 wood/ha is being harvested.

6.5. Removal of logging residues

6.5.1. Removal of logging residues (branches, treetops and needles) is not allowed, except on paths, brooks*, springs* or other sites* where the residues would hinder recreational use or traditional animal husbandry by Indigenous Peoples*, or where the maintenance or enhancing the biodiversity values require their removal.

Note 1: Limited additional exceptions can be defined in *National Standards**.

6.5.2. Stumps are not allowed to be harvested.

Note 1: When transforming a *site** severely infected by *Heterobasidion root rot** into *continuous cover forest**, stump harvesting is allowed if approved by the *AEFC** or the AEFC's *accredited local representative**.

6.6. Maintaining mixed stands*

- 6.6.1. No *native tree species** may be removed if their basal area is less than 5 % of the overall *stand** basal area, or whose number is less than 5% of the total number of trees. (Exceptions may be defined in *National Standards**).
- 6.6.2. Where ecologically appropriate, *the forest owner** is to preserve or take measures to generate a mix of at least 20% deciduous trees in conifer-dominated forests.

6.7. Buffer zones adjacent to water bodies*

6.7.1. *The forest owner** is to leave a buffer zone determined by topography and soil type adjacent to naturally occurring *water bodies**. Zones adjacent to *non-natural-* and/or non - permanent water bodies** are not mandatory.

Criteria regarding seasonal water bodies* are to be defined in National Standards*.

- 6.7.2. The minimum width of the buffer zone is to be as follows, unless the law or authority instructions / regulations require more:
 - a) 10 m for all ponds* and lakes.
 - b) 20 m for springs*, brooks*, rivers and seashores.

Within these buffer zones felling of trees is allowed only under the following circumstances:

- 1. Non-native species.
- 2. Trees that are considered to possess an elevated risk to people, domestic animals, infrastructure or constructions.
- 3. Trees that need to be removed in order to maintain the quality and function of infrastructure or constructions.
- 4. Trees that hinder permitted maintenance of ditches* entering the water body*.
- 5. Trees that are felled specifically for nature conservation purposes.

Note 1: The buffer zones concerning fertilisation* are listed in indicator 5.5.2.

- **Note 2:** Exceptions for maintaining recreational values or views on limited *sites** can be set in the *National Standards**. Such *sites** must have a previous history of this kind of management, the management must not harm existing biodiversity values, and the *sites** must be approved by the *AEFC's National Working Group** or, if one does not yet exist, by the *AEFC** or the *AEFC's accredited local representative**.
- 6.7.3. Soil preparation is not permitted in the buffer zone. Forest machines are not to be operated in the buffer zone, with the exception of necessary access to crossings of a water body* using an appropriate movable bridge structure.

6.8. Waste disposal

6.8.1. Non-organic waste

The forest owner* is to ensure that non-organic waste originating from forestry operations* is not left at the site* and is disposed of appropriately.

6.9. On-site storage of chemicals

The forest owner* is to ensure that fuel and oil containers, other chemicals and hazardous wastes are not stored in groundwater areas or on sites* with an imminent risk of contamination to surface water in case of an accident.

Note 1: Exceptions to indicator 6.9. are allowed in cases where regular moving of such chemicals or hazardous wastes constitutes a greater contamination risk than storing them on *site**. In such cases the substances are to be either guarded or otherwise safeguarded in a manner that they cannot leak nor be accessed by unauthorised persons.

7. REGULATION 7: PLANTATIONS*, ALIEN TREE SPECIES* AND FOREST RECONSTITUTION

7.1. Plantations*

For the purposes of this Standard, a "plantation*" refers to any monoculture of planted or directly seeded seedlings* established on a clearcut* or other barren land, whether of native or other tree species*.

7.1.1. The forest owners* using this Standard undertake not to convert any of their current forests to plantations*. As a basic principle, the forest owners'* existing plantations* cannot be certified under this Standard. The following exception applies:

a) Conversion of plantations* to forests

Existing plantations* can be certified if there is a Transition Management Plan* approved by the AEFC* or the AEFC's accredited local representative* to convert them to mixed stands*.

Note 1: If the soil type supports only - in the main - one commercial tree species (natural monocultures, e.g. Scots pine on very dry/barren soils), then this is to not count as a *plantation**.

7.1.2. Stands* managed for exceptional uses, e.g. for christmas tree production, for biofuel willows or arboretums will be excluded from the certified forest area but they do not prevent the certification of the *forest owner*'s* other *stands**.

7.2. Alien tree species*

- 7.2.1. Forests under this certificate must consist only of locally suitable *native tree species**. The use of *alien tree species** is permitted only in the following exceptional circumstances:
 - **a)** In areas where *natural forests** have been destroyed and reforestation is not possible or extremely hard with *native tree species**, *alien tree species** may be used (see note 1). This should only be a temporary phase in moving towards a natural mixed forest.

Note 1: If the original *native tree species** of the *site** / region are unclear, or the soil too degraded to support them, expert consultation will decide the planting procedure on a case-by-case basis. This procedure must be approved by *the AEFC*/AEFC National representative**.

b) Existing plantations* with an agreed Transition Management Plan* (see 7.1.1.a).

- 7.2.2. Only such *alien tree species** whose invasive impacts can be easily controlled may be used.
- 7.2.3. National Standards* are to include a list of tree species interpreted as native*, as well as a list of alien tree species* permitted for use in exceptional circumstances.

7.3. Forest reconstitution

7.3.1. Land devoid of tree cover for an extended period of time may be replanted with an initial stock of at least two *native tree species** suited to the soil type, on condition that biodiversity conservation reasons don't require keeping the area treeless.

Note 1: See Note 1 in 7.2.1. a)

8. REGULATION 8: MANAGEMENT PLANNING, ECONOMICS, MONITORING AND ASSESSMENT

- **8.1.** A Forest Management Plan* (FMP*) appropriate to the scale and intensity of the forestry operations* is to be written, implemented, and kept up to date. The long-term objectives of management, and the means of achieving them, are to be clearly stated. The FMP* is to be prepared at latest within one year of officially joining this Standard, or if an FMP* already exists that it be updated to meet the requirements of this Standard within one year.
- **8.2.** The Forest Management plan* and its supporting documents* are to provide:
 - a) A list of recognized *Indigenous Peoples** and *Local Communities** and their rights (3.1, 4.1)
 - b) A description of the forest resource base including protected areas, environmental and social limitations, land use and ownership status, and a profile of adjacent lands.
 - c) A description of safeguards to protect environmental and social values:
 - Plans for the identification and protection of rare, threatened and endangered species and their habitats, as well as other *High Conservation Value (HCV)** areas and objects as outlined in Regulation 6.
 - A listing of set-asides* (by type).
 - A description of *HCV** areas and their possible management.
 - Written guidelines on controlling erosion and the protection of water resources as well as minimizing forest damage during harvesting, road construction, and all other mechanical disturbances.
 - d) Maps in sufficiently detailed scale, showing:
 - The borders of certified holdings and land ownership.
 - Estate property register numbers.
 - Officially established protected areas within the certified holdings and those bordering them.
 - The location of set-asides* for productive forest land*.
 - The location of set-asides* for low-productive* and non-productive forest land*.
 - The known locations of nationally and regionally rare, threatened and endangered species and their habitats (6.2).
 - HCV-areas* and objects according to the type (HCV*-class), including sites* of special cultural, ecological, economic, religious or spiritual significance to *Indigenous Peoples** and *Local Communities**.
 - All individual forest stands*.
 - Forest stands* located on water buffer zones, registered as managed stands* (6.7).
 - The location of retention trees* (6.3).
 - Planned management activities.
 - e) Transition management plans* for converting existing plantations* to mixed stands*

(7.1.1.a).

- f) A rationale for projected rates of harvesting.
- g) A description and justification of harvesting techniques and equipment to be used. (Only in countries where harvesting techniques vary greatly).
- h) A description and justification of additional planned tasks such as *fertilisation** and *ditch** cleaning.
- i) Documentation of participatory involvement
- Approval of forest management activities by Indigenous Peoples*, if such is required.
- Documentation on consultation and views of *Local Communities** regarding any kind of management activities that could affect *Local Communities**, if such is required (4.4, 4.5).
- j) Documentation of:
- Origin of seeds or seedlings* used in regeneration*.
- Fencing approved by the AEFC* (5.2.5).
- Ditching* in exceptional cases (5.4.1).
- Use of fertilisers* (5.5) and chemicals (5.6).
- k) Documentation of:
- Documentation of deviations from standard requirements based on law or approval by $AEFC^*$.
- Documentation of deviations found in internal audits.
- l) A description of how the FMP*s implementation and effects will be monitored and documented

8.3. Updating of the Forest Management Plan* (FMP*)

The Forest Management Plan* is to be periodically revised at least every ten years to incorporate the results of management operations in the forests, the results of monitoring, new environmental, scientific and technical information, as well as to respond to changing environmental, social and economic circumstances.

- 8.3.1. The forest owner* is to check annually authorities' and other key sources of data for High Conservation Value* habitats, occurrences of threatened species, social or historic significance, and significant ecosystem services, and update them annually into the FMP*.
 - **Note 1:** The *FMP** is to contain a list of local, regional and national authorities, including NGOs, that will be annually consulted for updating the *FMP**'s data on *HCVs**. Unsolicited accurate data volunteered to the *FMP** from 3rd parties must also be taken into account.
- 8.3.2. In the event of a certified forest holding suffering a major natural disturbance, the *FMP** is to be updated in a timely manner, including reassessment of the set-aside* network

and restoration of forestry.

8.4. Worker training / FMP* implementation

If the *forest owners** hire forest workers directly, they are to ensure the workers receive adequate training and supervision to ensure proper implementation of the *FMP** in all relevant aspects. The owner is to monitor that the work is carried out as directed.

Concerning application of *CCF** to the owner's forest as part of the *FMP**, the owner is to ensure that the forest workers have the necessary skills to carry out such forestry.

8.5. Public information on Forest Management Plans*

Large forest owners* (> 10,000 ha) are to ensure that key information on upcoming forest felling operations and their location is publicly available - on request or otherwise. A reasonable fee may be charged for supplying the information in other than electronic form.

8.6. Monitoring

Monitoring is conducted – appropriate to the scale and intensity of forest management – to assess the condition of the forest, yields of forest products, *chain of custody**, management activities and their social and environmental impacts.

The frequency and intensity of monitoring is determined by the scale and intensity of forest management operations as well as the relative complexity and fragility of the affected environment. Monitoring procedures must be consistent and replicable over time to allow comparison of results and assessment of change.

Note 1: forest owners* must document their monitoring evaluations in a fashion which allows the AEFC's auditing unit* to assess compliance with these guidelines.

- 8.6.1. Forest management should include the research and data collection needed to monitor, at a minimum, the following indicators:
 - a) The yield of timber forest products harvested.
 - b) Growth rates at least between consecutive FMPs*.
 - c) Regeneration* and condition of the forest according to legal national requirements, and when renewing the FMP*.
 - d) Observed considerable changes in the flora and fauna. (e.g. ongoing pest infestations, *invasive species**, visible changes in the amount of game animals)
 - e) Detected environmental and social impacts of harvesting and other operations.

8.7. Bookkeeping

The forest owner* is to keep books showing:

- a) Sales volumes and revenues for all forest products.
- b) Cost levels of forest management and habitat management.
- c) Places and times of use of biological control agents and *fertilisers** (wood ash and boron).
- d) Harvest sites*.
- e) Names of timber buyers.

8.8. Traceability and Chain of custody*

Documentation is to be provided by *the forest owner** to enable monitoring and *AEFC's auditing unit** to trace each timber type or other forest product from its origin, a process known as the "*Chain of Custody**".

- 8.8.1. The forest owner* is to prove to the buyer in writing documentation that the purchased forest products originate from forest certified by this Standard. The documents are to determine the origin of wood down to the delineated stand* compartments that were logged.
- 8.8.2. Forest management (Section A) applies up to the roadside. If *the forest owner** delivers timber beyond this point, they must comply with the *Chain of Custody** requirements described in Section B.

8.9. Participation in scientific projects

All *forest owners** adhering to this Standard are required to co-operate with bona fide national and international scientific projects relevant to the development of economic as well as socially and environmentally benign forestry. Such participation must retain the anonymity of the data and its location and not unduly take up the owners' time or effort. Nor is *the forest owner** to suffer economically from such participation.

8.10. Public information on HCV* sites* and set-asides*

The location of *HCV* sites** and *set-asides** noted by this Standard is to be made freely available to the general public except in cases where such information may endanger the integrity of an *HCV site**. Productive forest land* set-asides* for biodiversity must be separated from other types of *set-asides**.

PART B AEFC* EVERCOVER* - CHAINS OF CUSTODY*

9. REGULATION 9: OBJECTIVE

A chain of custody (CoC)* is the added value chain of AEFC-certified timber* (referred to below as EverCover*™) from the forest through various stages of manufacturing to the end user* as a finished wood or mixed wood plus other materials / non-EverCover* wood product. It also applies to recycled materials that are verified as being of EverCover* origin.

The CoC* applies to all organisations* involved in the processing and trading chain of EverCover* timber wishing to make a claim as regards involvement with the EverCover* CoC* process. Any change of ownership in the supply chain of a claimed EverCover* product requires both the vendor and the purchasing company to apply this EverCover* CoC* management system.

The objective of the CoC* requirements is to ensure that products labelled or claimed as containing EverCover* Matching* or Direct Timber* originate or have their equivalent volume logged in accordance with all the forest management objectives set out in this standard.

10. REGULATION 10: EVERCOVER* COC* GENERAL REQUIREMENTS

Organisations* within the AEFC* EverCover* CoC* agree to uphold the AEFC* CoC* general requirements as follows:

- **10.1.** To uphold all parts of the *AEFC** Global Standard and the National *AEFC** Standard of their country relevant to their *organisation**, or, if the latter does not yet exist, the prevailing applied *AEFC** Adapted National Standard. Regulations 1– 2 of the *AEFC** Global Standard are to be considered relevant also for *CoC* organisations**, not only for *forest owners**.
- **10.2.** To keep adequate records of the volume of *Matching and Direct EverCover** timber volumes entering and leaving the *organisation** either through sales or otherwise, and to enter these *transactions** in the *AEFC Registry**, which the company is to train its personnel to use.
- **10.3.** To train key *organisation** employees in the meaning and use of these *AEFC* CoC** requirements, and to appoint a contact person for the *AEFC** as regards *CoC* auditing** and management within the *organisation**.
- **10.4.** That all *EverCover* trademark** and labelling requirements are fulfilled as per the *AEFC* EverCover* trademark** manual's requirements.
- **10.5.** The *organisation** agrees to the AEFC's* *CoC** *auditing** schedule and to pay the fees therein, and to the AEFC's* *transaction** fees for *AEFC** timber product sales.
- **10.6.** The *organisation** agrees to provide information to assist *auditors** in checking the entire CoC^* chain when necessary for tracing lots of *AEFC** timber.

- **10.7** The *organisation** guarantees to uphold *AEFC** guidelines on not obtaining or processing timber from forests of exceptional biological or social value, or illegally traded timber, and have mechanisms in place to ensure that such timber does not enter their manufacturing chain.
- **10.8** The *organisation** will handle all *complaints** as per the *AEFC** official *complaints** procedure.
- **10.9** The *organisation** will notify the *AEFC** immediately if it suspects or verifies non-contractual use of the *AEFC* EverCover* trademarks**, or timber incorrectly labelled as *AEFC* EverCover**.

11. REGULATION 11: MATERIAL SOURCING

- **11.1.** The *organisation** is to maintain up-to-date information in the *AEFC Registry** about all parties supplying it materials used for *EverCover* product groups**, including their names, product certification codes and the types of wood materials supplied. Likewise the *organisation** is to enter into the *AEFC* Registry* all similar product information as to *EverCover** products it itself supplies.
- **11.2.** In order to confirm any changes that might affect the availability and authenticity of the supplied products, the *organisation** is to regularly verify the validity of the certificates and *product groups** their active *AEFC*-certified *suppliers** through the *AEFC** certificate *Registry** database.
- **11.3.** The *organisation** is to check the *supplier's** sale and delivery documentation to confirm that:
 - a) the supplied material types and quantities are in conformity to the supplied documentation;
 - b) the AEFC claim* is specified;
 - c) the *supplier's* EverCover* Chain of Custody** code is quoted for material supplied with *AEFC claims**.
 - d) As a back-up, the *organisation** is to keep a duplicate record of the sale of all *EverCover**-labelled products, either on paper or electronically, as to their recipients, the date of expedition, and the products itemized.
- **11.4.** The *organisation** is to ensure that *EverCover** Direct Timber and Matching Timber lots are correctly entered in the *AEFC Registry** and that they are handled in accordance with the requirements in Table 1:

Table 1. Eligible *inputs** according to the *AEFC EverCover claim** specified for the *outputs** of a *product group**

AEFC output claim* specified for the product group*	Eligible AEFC Registry* inputs* and separation procedures on-site
AEFC* EverCover 100% DIRECT TIMBER*	AEFC* 100%. The timber and the products derived from it must be separated from all other products, and the timber source directly identifiable across the entire CoC* within the AEFC Registry*.
AEFC* EverCover MATCHING TIMBER*	The vendor of the Matching Timber must document in the AEFC Registry* the tree species types and volumes of the logged Matching Timber, as well as the product types and their volumes sold to the Matching Timber purchaser, who must also be identified. No separation of timbers during manufacturing is required, but mass balance records must be kept in accordance with Regulation 11.

12. REGULATION 12: EVERCOVER* WOOD PRODUCT MANUFACTURING CONVERSION FACTORS*

- **12.1.** For each *product group** or job order, the *organisation** is to identify the main processing steps involving a change of material volume or weight and specify the *conversion factor(s)** for each processing step or total processing steps. Changes in the *conversion factors** must be documented and justified.
- **12.2.** Organisations* that produce custom manufactured products are not required to specify conversion factors* before manufacturing but are to maintain production records that enable conversion factors* to be calculated.
- **12.3.** The *organisation** is to maintain up-to-date material *conversion factor** accounting records complementing the *AEFC Registry* inputs** using e.g. spreadsheets or company production software. Such records are to be kept in a manner that makes it straightforward to compare volumes of incoming timber or timber products vs those leaving the *organisation** after processing. The records must demonstrate that the quantities of products are not inappropriately counted multiple times.
- **12.4.** The *organisation** is to prepare reports of annual volume summaries in accordance with the requirements of 11.3.

13. REGULATION 13: ESTABLISHMENT OF PRODUCT GROUPS* FOR THE CONTROL OF AEFC EVERCOVER CLAIMS*

- **13.1.** The *organisation** is to establish *product groups** as defined in the *AEFC Registry** for the purpose of controlling *EverCover** product *output** claims and labelling. *Product groups'** sales information is to contain:
 - a) The name and contact details of the organisation*;
 - b) Information to identify the end customer, such as name and address of the customer (except for sales to end consumers*);
 - c) The date of issue of the sales documentation;
 - d) The *product group** name from the *AEFC Registry** and, if for retail, the products' model names/numbers from the manufacturer;
 - e) The quantity of products sold;
 - f) The organisation's * AEFC* certificate code associated with the certified products
- **13.2.** The *organisation** is to maintain an up-to-date list of *Product Groups** as listed in the *AEFC Registry**, specifying for each a full list of product type(s) produced.
- **13.3.** The uses of all *EverCover** timber *inputs** to the *organisation**, including resales and internal uses such as burning residues for energy production, must be accounted for.

14. REGULATION 14: MAINTENANCE OF A CREDIT* SYSTEM

Establishment of credit* accounts

- **14.1.** For each *product group**, the *organisation** is to maintain in the *AEFC Registry** an up-to-date mass balance to their *EverCover** stock of timber.
- **14.2.** The *organisation** is to maintain in the *AEFC Registry** up-to-date accounts of *inputs** and *outputs** of their *EverCover** materials and products, including taking into account the relevant *conversion factors** described in Ch. 12 of this Standard. Corrections to inaccurate *conversion factors** resulting in an incorrect mass balance must be approved by the national *AEFC representative**.
- **14.3.** The mass balance system may be applied at the level of single or multiple physical *sites**. The conditions for the establishment of a centralised *credit** account covering multiple *sites** are the following:
 - a) credits* are to be calculated and shared within the same product group*;
 - b) all *sites** are to be within the *scope** of a single or multi-site certificate with a *common* ownership* structure;
 - c) all sites* must be located within the same country
 - d) all sites* must use the same integrated management software;

- **14.4.** Output* credit* is calculated by multiplying the input* quantities by the applicable conversion factor(s)* specified for each component of the product group*.
- **14.5.** The *organisation** is to sell only products with an *AEFC Registry** positive mass balance. Sales may at no time exceed the calculated *output* credit**.

15. REGULATION 15: EVERCOVER* LABELLING REQUIREMENTS

- **15.1.** The *organisation** may apply the *EverCover** label on *EverCover**-certified products following the requirements specified in the *EverCover* Trademark** Use Manual.
- **15.2.** Only *EverCover** products listed as eligible for *EverCover** labelling may be promoted with the applicable *AEFC** trademarks*.
- **15.3.** The seller is obliged to check that the recipient of their *EverCover**-labelled product(s) is eligible to use *EverCover** labels.

16. REGULATION 16: OUTSOURCING* / CONTRACTING*

- **16.1.** When a certified *organisation** is *outsourcing** or *contracting** services or goods relevant to any *EverCover** regulation, a *written agreement* should be signed. Regardless of this agreement, the certified *organisation** retains legal ownership of and responsibility for, the final product and its *EverCover** certification.
- **16.2.** The agreement should contain an obligation for the *contracted** party to fulfil all relevant obligations to which the certified *organisation** is bound by this standard, and to participate fully in any *auditing** process involving the certified *organisation**. The agreement should also oblige the *contracted** party to include the same regulations in any *subcontracting** agreement.
- **16.3.** The certified *organisation** is responsible for informing the *contracted** supplier* or service provider of all applicable *EverCover** requirements and for ensuring that all *audit* documentation* is maintained and preserved. Where necessary, the certified *organisation** should ensure that the staff of the *contracted** party receive adequate information and training concerning the *EverCover** requirements.
- **16.4.** The *auditor** must be provided with basic information about the *contracted** party, including name, registration details (e.g., business ID), contact information, and if applicable, *EverCover** certificate number, together with the description and location of the *outsourced** activity.

17. REGULATION 17: ORGANISATIONS* WITH MULTIPLE UNITS

- **17.1.** A multi-unit $organisation^*$ is eligible for a single CoC^* certification if the $scope^*$ of the certificate includes two or more $sites^*$ that are located in the same country.
- **17.2.** For the *CoC** certification for a multi-unit *organisation**, all *sites** included in the *scope** of the certification are to conform to all applicable certification requirements specified in this standard.
- **17.3**. It is also permitted to have separate certificates for each *site**.

PART C AEFC* GROUP CERTIFICATION*

18. REGULATION 18: OBJECTIVES OF GROUP CERTIFICATION*

The purpose of *Group Certification** is to allow small scale forestry to get certified at reasonable temporal expenditure and financial cost. This part of the *AEFC** standard stipulates the requirements for the establishment and management of *AEFC* Group Certification**. Several management units* (from several forest owners*) are combined in a Management Group (MG)* and collectively managed by a *Group Certification Manager (GCM)**. *GCMs** are typically experienced forest management enterprises that must meet the criteria here outlined in order to qualify as *AEFC* group certifiers**.

Group certification* is commonly used by smallholders but is available to any type of management unit* and ownership worldwide of less than 10 000 hectares. A unit of 10 000 hectares or more must be certified as a separate unit.

19. REGULATION 19: ESTABLISHMENT OF FOREST MANAGEMENT GROUPS

19.1. Requirements for GCMs*

- a) GCMs* are accredited by the AEFC auditing unit*. The GCM* is to be a person or group of persons registered as one independent legal entity with proven and sufficiently wide-ranging experience of forest management as to demonstrate the ability to carry out all parts of the requirements of this Standard.
- b) The *GCM*'s* own business operations must fully comply with all relevant parts of this *AEFC** Standard.
- c) When a *GCM** manages more than one group, it must demonstrate enough capacity and resources to manage them all to an equally high standard.
- d) The *GCM** is to make sure that all actors in the group demonstrate sufficient knowledge to fulfil their corresponding responsibilities within the group.

20. REGULATION 20: REQUIREMENTS FOR *GROUP MEMBERS** (*FOREST OWNERS** AND THEIR ACCREDITED REPRESENTATIVES)

- **20.1.** Each *group member** signs a declaration of consent between themselves and their *GCM**, in which both parties:
 - a) Commit to follow all applicable parts of this Standard, as well as any separately defined rules for the Management Group;

- b) Declare that the Forest *Management units** they are bringing into the group are not included in any other *AEFC** Group or separate certification unit;
- c) Agree to allow the *GCM** and the *AEFC** to fulfil in the member's forest holdings all responsibilities set out in this Standard;
- d) Agree that the GCM* will be the main contact for their AEFC* certification.
- **20.2.** The declaration of consent may be a separate contract, or part of any contract or other legally acceptable document that specifies the agreement between the forest holder and the *GCM** to uphold this Standard.
- **20.3.** Joining a particular *AEFC**-approved Group *Management unit** does not oblige *the forest owner** to use the group's *GCM** as their forest manager for other services.

21. REGULATION 21: DIVISION OF RESPONSIBILITIES

- **21.1.** The *GCM** may divide its responsibilities of Group Management among different actors. In such cases the *GCM** retains overall responsibility for overseeing the Groups' conformity with this Standard, and must demonstrate that:
 - a) Conformance with this Standard remains for each management unit*;
 - b) The division of key responsibilities within the group is documented;
 - c) All actors are fully aware of their responsibilities under this Standard.

22. REGULATION 22: GROUP SIZE

- **22.1.** The *GCM** is to determine, based on its human and technical capacities, the maximum group size that it can manage, in terms of:
 - a) The number of group members*;
 - b) The individual forest management unit* size; and/or
 - c) The total forest area and distribution.
- **22.2** The *GCM** is to develop a group management system, and demonstrate its feasibility, that allows the continuous and effective management of all members of the group.

23. REGULATION 23: MULTINATIONAL GROUPS

23.1. Forest Management Groups are to only be established at a national level, except in the cases described in clause 23.2.

23.2. In cases where homogeneous conditions between countries allow for an effective and credible multinational implementation of the group management system, the GCM^* may request approval from the $AEFC^*$ International to allow certification of such a group. In such cases the GCM^* must demonstrate their ability to apply all applicable national standards.

24. REGULATION 24: ADDING NEW MEMBERS TO A GROUP

24.1. The *GCM** is to evaluate every applicant who wishes to join the group and ensure that there are no major non-conformities with the applicable *AEFC** Standards, nor with membership requirements, before adding the new member to the group. The *GCM** is to conduct a field evaluation to ensure these factors.

25. REGULATION 25: PROVISION OF INFORMATION TO MEMBERS

- **25.1.** The *GCM** is to provide each member with information, or access to information, about how the *group certification** management is organised. This information is to include:
 - a) The *Group Rules** and the applicable *AEFC** National or Adapted Global Standard, and an explanation of how to conform to them;
 - b) An explanation of the AEFC's* auditing process, including the right of the GCM* and AEFC* to access information on the members' forest management unit(s)* and their management history;
 - c) That the AEFC auditing unit* will publish a public summary of their evaluation reports;
 - d) A list of all costs associated with joining and remaining in the group.
- **25.2.** The *GCM** must at all times make available to *Group Members** all relevant details related to the above issues.

26. REGULATION 26: GROUP RULES*

- **26.1.** The *GCM** is responsible for developing, implementing and keeping updated written rules on procedures for managing the group. The procedure is to cover all applicable requirements of this Standard, including:
 - a) Criteria for group membership setting out joining requirements and admission procedures;
 - b) Rules setting out circumstances where members can be suspended or removed from the group, and how this proceeds;
 - c) An internal monitoring system for the group;

- d) A process to resolve corrective action requests issued either internally or by the *AEFC* auditing unit*, including timelines and implications if any of the corrective actions are not resolved;
- e) A procedure to solve complaints* from stakeholders* to group members*;
- f) A system for tracking and tracing *EverCover** forest products produced by the *group members**, from forest to the point of delivery of the purchaser;
- g) Requirements regarding the use of trademarks* or other claims for AEFC*-certified forests;

The management of larger groups may entail the *GCM** enacting more comprehensive procedures to ensure that all parts of this Standard are upheld. Conversely, as long as the Standard's requirements are fulfilled, smaller groups may develop simpler procedures.

27. REGULATION 27: GROUP RECORDS

- **27.1.** The *GCM** is to maintain up-to-date records covering all applicable requirements of this Standard. In so doing the *GCM** must also fulfil its data protection responsibilities. Records are to include:
 - a) A list of the members of the group, including for each member:
 - i. Name, contact details and legal registration information (such as company tax number etc)
 - ii. The date of entering the group and, where relevant, the date of leaving the group, and the reason for leaving;
 - iii. The number and area of management units* included in the group;
 - iv. The geographical location (property registration number) of each *management unit** included in the group, supported by a map or documentation;
 - v. The type of forest ownership per member (e.g. privately owned; state managed; communal management; etc.);
 - vi. The main products;
 - b) Any records of training provided to staff and/or group members*;
 - c) A declaration of consent from all group members*;
 - d) Documentation and records regarding what practices have been recommended for forest management;
 - e) Records demonstrating the implementation of the group management system. These is to include records of internal monitoring, non-conformities identified in such monitoring, actions taken to correct any identified non-conformity, etc.;
 - f) Records of the actual or estimated annual harvesting volume of the group and the actual annual *AEFC** sales volume of the group.
- **27.2.** The *GCM** is to ensure that the *AEFC Registry** is up to date with regard to records of the *EverCover** timber sales volumes of each *management unit** in the group.
- **27.3.** The *GCM** is to retain group records for at least five (5) years.

27.4 For management units* in the group where the harvesting and sales are carried out by a contractor*, the GCM* is to verify that the volumes sold by the contractor* correspond to the estimated volumes bought from its group. For this purpose, the contract between the forest owner* and the contractor* is to include a requirement for the contractor* to communicate to the forest owner* and the GCM* the actual (measured) volume harvested and sold.

28. REGULATION 28: INTERNAL MONITORING

- **28.1.** The *GCM** is to implement a documented internal monitoring system that includes at least the following:
 - a) A list of the members of the group, including for each member assessments as to continued conformance with the applicable AEFC* Standards and Group Rules*;
 - b) Documents the Groups' overall performance;
 - c) Regular (at least annual) monitoring visits to a sample of *management units** within the group (see below for sampling rates);
 - d) Regular (at least annual) analysis of the results of the internal monitoring in order to improve the groups' management system;
- **28.2.** The *GCM** is to select the requirements from the applicable *AEFC** Standard to be monitored at each internal evaluation according to the scale, intensity and risk of managing the group successfully.
- **28.3.** The *GCM** may vary the focus of their internal monitoring on specific elements of the applicable Standard as per the most relevant perceived needs for monitoring, with the provision that all aspects of the *AEFC** Standard are sufficiently assessed for the group through the sampled *management units**.
- **28.4.** The *GCM** is to specify what constitutes an active *management unit** for the group and justify the classification of activities as active or inactive management.
- **28.5.** The minimum sample of *management units** to be visited annually for internal monitoring is to be calculated according to Table 2. The number of units calculated (X) using Table 2 is to be rounded up to the nearest whole number.

Table 2. Calculation of minimum annual sample size of management units*

Size class	Internal monitoring
Active management units* > 1,000 ha	X = √y
Active <i>management units</i> * ≤ 1,000 ha	X= 0.6 * √y
Management units* with no logging carried out that year	X= 0.1 * √y

Where: X = number of *management units** to be sampled

y = number of active or inactive *management units** within each category

- **28.6.** The *GCM** is to increase the calculated minimum sample when high risks are identified (e.g. unresolved substantiated land tenure or use rights disputes, *High Conservation Values (HCVs)** are threatened, substantiated *stakeholder* complaints**, etc.).
- **28.7.** The *GCM** should visit different *management units** during the internal monitoring from the ones previously visited by the *AEFC auditing unit** unless there are pending corrective actions, *complaints** or risk factors that require a revisit of the same units.
- **28.8.** The *GCM** is entitled to issue internal corrective action requests to address non-conformities identified during the internal monitoring and follow up on their implementation. Non-conformities identified at the level of a *group member** may result in nonconformities at the *GCM** level when the non-conformities are determined to be the result of the *GCM's** performance.

29. REGULATION 29: CHAINS OF CUSTODY (COC)*

29.1. The GCM^* is to apply and implement all relevant parts of the CoC^* part of this Standard to the entire Management Group.

30. REGULATION 30: GCM* DEFAULTING

- **30.1.** If the *GCM** for whatever reason anticipates it will no longer be able to ensure *AEFC** Standard compliance within its Management Groups it must notify the National *AEFC** of a reduction or suspension of operations 12 months in advance. In such a case, the National *AEFC** is obliged to appoint another accredited *group certification** manager for the certification group.
- **30.2.** If the *GCM** does not comply with the timetable of section 30.1, or if the *AEFC** becomes aware that the *GCM** is unable to perform its Group Management responsibilities satisfactorily, The National or International *AEFC** is entitled to immediately appoint a contact person or company for the affected Management Groups who will temporarily take full responsibility for ensuring compliance with certification requirements. The temporary contact person or company is fully responsible for verifying that it has the resources to meet all *AEFC** requirements.
- **30.3.** A temporary Group Certification Manager is not entitled to increase the certification price in the first year; the costs of transferring the certification is to primarily be borne by the previous accredited company. If the said company is insolvent, the costs arising from the transfer of certification are to be paid by the *AEFC**.

GLOSSARY OF TERMS

AEFC: The Association for Ecological Forestry Certification ry (Finnish Registered Charity)

AEFC's accredited local representative: A national or regional entity who has been authorised by AEFC to represent the AEFC in a certain country or region and to create a national or regional level forestry certification standard applying The Association's global principles.

AEFC National Working Group: See "National Working Group"

AEFC Registry: The AEFC's Chain-of-Custody management system in which all participating organisations record EverCover-related timber transactions. Also the central repository of AEFC-related information such as audits and memberships.

AEFC representative: A national or regional entity who has been authorised by the AEFC to represent AEFC in a certain country or region and to create a national or regional level forestry certification standard applying The Association's global principles.

AEFC-certified EverCover product or timber: A product that meets all relevant certification requirements and can be sold with AEFC claims on invoices and promoted using AEFC trademarks.

AEFC/EverCover claim: A statement on sales and delivery documents regarding an AEFC-certified product. AEFC claims are EverCover Direct and EverCover Matching.

AEFC output claim: see AEFC/EverCover claim

Alien tree species: Trees intentionally or unintentionally introduced by human activity outside their native or historical natural range. These species are not naturally part of the local forest ecosystem and may become invasive, competing with native vegetation, altering habitat structure, and potentially affecting biodiversity, soil chemistry, and water cycles. (Source: Food and Agriculture Organisation of the United Nations (FAO) (2015). Terms and Definitions. Forest Stewardship Council (FSC) (2015). FSC-STD-01-001 V5-2 Richardson, D. M. (Ed.) (2011). Fifty Years of Invasion Ecology: The Legacy of Charles Elton.)

Antagonistic fungal preparation: A formulated product containing beneficial fungi that suppress or inhibit harmful (pathogenic) fungi or other damaging agents through biological mechanisms.

Artificial regeneration: Renewal of the forest by planting or direct seeding; establishing a new stand of trees by planting seeds or seedlings by hand or machine. (Source: Food and Agriculture Organisation (FAO), Silvicultural terminology)

Audit documentation: All records and materials created or collected during an audit that show how the audit was conducted and what findings and conclusions were made. This includes checklists, notes, reports, requests for corrective actions, and any other supporting documents that demonstrate how compliance with the relevant standards was assessed and verified.

Auditing: The process by which an auditor examines an organisation's operations, documents, and practical activities to verify that the requirements of the relevant standards are being met. Auditing may include site visits, interviews, and other assessment methods, and its results determine whether the organisation can be granted or maintain certification.

Auditing unit: An independent organisation accredited to assess and certify that an organisation complies with the applicable AEFC standards. The auditing unit conducts audits, reviews documentation and field activities, and makes decisions regarding the issuance, maintenance, extension, suspension, or withdrawal of AEFC certificates. It ensures the integrity, impartiality, and transparency of the certification process.

Auditor: A person/group trained to assess an organisation's operations and ensure compliance with applicable forest management, forest management group, Chain of Custody (CoC), or trademark requirements. The auditor acts independently from the organisation being assessed and reviews both documentation and practical operations.

Average tree diameter: The average tree diameter is the mean diameter of trees in a given forest stand, measured at breast height (1.3 meters above root neck (*collum radicis*), or 1,3 meters above ground level), also known as the average DBH (Diameter at Breast Height).

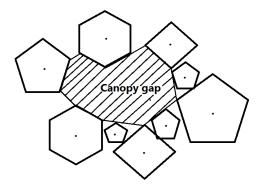
Biological pest and weed control: Involves the use of natural predators, parasites, or pathogens to reduce the population of harmful species. This method limits the need for chemical preparations.

BirdLife: A global non-governmental conservation organisation that plays a role in identifying, protecting, and managing forest ecosystems critical to biodiversity. BirdLife functions as a scientific authority and policy advocate, particularly in identifying Important Bird and Biodiversity Areas (IBAs), many of which are forested habitats. The organisation supports sustainable forest management by providing data, assessments, and conservation frameworks aimed at protecting avian diversity and associated forest ecosystems.

Birds' breeding season: In forestry, the birds' breeding season refers to the period during which bird species engage in mating, nest-building, egg-laying, and rearing of their young. This season typically occurs in spring and early summer, but its timing can vary depending on species, geographical location, and environmental conditions.

Brook: A small, natural stream of flowing water, smaller than a creek or river and bigger than a rivulet.

Canopy gap: Removal of three or more (dominant top/upper canopy layer trees) adjacent trees larger than the average *tree diameter** of the stand. Delineated by the edges of the crown projections of the surrounding trees.



Careful methods of (soil) scarification: Low-intensity soil preparation methods for exposing mineral soil surfaces to enhancer seed germination or planted seedlings, while minimizing ecological disturbance.

Chain of custody: A control system that tracks a product from the forest, or in the case of recycled materials from the moment it is reclaimed, to the point where the product reaches the end user carrying the AEFC label. It covers all stages of sourcing, processing, and distribution where ownership of the product changes.

Chemical pesticides: Synthetic or naturally derived chemical substances used to control, deter, or eliminate organisms considered harmful, including insects, fungi, rodents, and weeds, that (as regards this Standard) may threaten the health, productivity, or regeneration of forest ecosystems.

Clearcut: A Clearcut (or clearcutting) is a method of harvesting in which all or nearly all the trees in a designated area are uniformly cut down at once, regardless of size or species. Clearcut does not here imply only removal of every single tree but also thinning below the nationally set *legal thinning limit**.

Clearing: An area where all or nearly all trees have been harvested.

Continuous Cover Forestry (CCF): Continuous Cover Forestry is a forest management method that maintains the forest tree cover in all phases of the cutting cycle and avoids clear-cutting. The aim is to let the forest regenerate through natural seeding.

CCF: Abbreviation for Continuous Cover Forestry

Conversion factor: A number used to indicate how much output material is obtained from input material. It is calculated by dividing the quantity of the output product by the quantity of input material.

Common ownership: Ownership structure where all sites under the scope of the chain of custody certificate are owned by the same organisation. Ownership means at least 51% of ownership interest over the site.

Complaint: A complaint is a written expression of dissatisfaction that can be submitted by any individual or organisation regarding the certified organisation's compliance. The complaint must fall within the scope of this standard and follow AEFC's complaint protocol.

Contractor: A person, group, company, or legal entity hired by an AEFC-certified organisation to carry out activities covered by AEFC certification. This may include forestry, logging, or other forest management activities, as well as services related to Chain of Custody (CoC) or group certification. Contractors must comply with AEFC certification requirements in the work they perform, but their activities remain the responsibility of the AEFC-certified contracting organisation. The contractor may carry out the work directly or through subcontractors.

Contracting: The act of engaging a person, group, company, or legal entity (*contractor*) to perform activities covered by AEFC certification on behalf of an AEFC-certified organisation. Contracting may involve forestry, logging, or other forest management operations, as well as services related to *Chain of Custody* (CoC) or group certification. While contractors must follow AEFC certification requirements, the overall responsibility for contracted activities remains with the AEFC-certified contracting organisation.

Credit: The credit system is an accounting system that tracks the quantities of AEFC-certified wood products. It ensures that the organisation can sell AEFC-certified products only up to the amount recorded as credits. A credit thus represents a specific quantity of certified material and serves as a tool for monitoring the use of certified material.

Crown projection: The horizontal area on the ground covered by the outer edges of a tree's crown, corresponding to the crown being projected vertically downward onto the ground.

Customary rights: Traditional entitlements to land, resources, or practices that are recognized through long-standing community customs and usage, rather than formal legal systems.

Dbh: Diameter of a tree's stem measured at breast height (1.3 meters above root neck (*collum radicis*), or 1,3 meters above ground level).

Dead wood: Standing or fallen trees that have died due to natural disturbances (e.g., windthrow, insects, disease, aging, drought) or forest management activities (e.g., thinning or harvesting).

Ditch: A small or moderately-sized man-made channel dug into the soil to drain excess surface water or lower the water table. Smaller than an actual channel.

Ditching: The process of constructing or rehabilitating drainage ditches in forest areas. This includes new ditch construction, ditch cleaning, and supplementary ditching—the latter referring to extending existing ditch networks.

Dominant height: The mean height of the 100 tallest trees per hectare.

Dominant top/upper canopy layer trees: Trees that occupy the uppermost canopy layer of a stand, with crowns receiving full sunlight from above and partly from the sides.

Dominant tree species: The main tree species in a forest stand. Some mixed stands may not have any particular dominant tree species.

End-user/end-consumer: A person or organisation that does not further process or sell the product, but uses or consumes it.

Even-aged stand: A forest stand in which most of the trees are of the same or nearly the same age, typically originating from a single regeneration event such as clear-cutting, planting or large windthrow.

Even-sized stand: An even-sized stand is a forest stand in which most of the trees are more or less of similar size or diameter. It typically results from uniform growth conditions, management practices, or a single regeneration event that produced trees with comparable dimensions.

Even-structured stand: An even-structured stand is an even-sized forest stand in which also the horizontal arrangement (spatial distribution) of the trees is more or less systematic. This structure usually results from uniform growth conditions, management practices, or a single regeneration event.

EverCover: Trademark registered by the AEFC to show that a product or organisation is certified under the AEFC/EverCover forest management standard.

EverCover Direct Timber: Refers to timber harvested from a specific AEFC-certified forest and fully traceable through the entire value-added chain to the end user. All processing stages in the chain are CoC-certified and verified, ensuring that the timber batch can be traced back to the forest, providing transparency and confidence throughout the supply chain.

EverCover Matching Timber: Is a guarantee to the purchaser that an amount of timber equivalent to the end product will be harvested in accordance with the AEFC Forest Management Standard, as close as possible to the purchaser's location and within the same latitude. This does not include other chain-of-custody tracking, except that the origin of the harvested timber and its forest location are documented and verifiable.

Fertilisation: Adding mineral or organic substances to soil to promote (tree) growth or correct growth disturbances caused by nutrient deficiencies or imbalances.

Fertiliser: A mineral or organic substance applied to soil to promote growth, restore site productivity, or correct growth disturbances caused by nutrient deficiencies or imbalances.

FMP: Abbreviation for Forest Management Plan

Forest Management Plan: A comprehensive set of documents, maps, policies, and operational guidelines that describe, justify, and regulate all forestry activities within a defined Management Unit (MU). It outlines the objectives, silvicultural systems, environmental safeguards, and monitoring protocols to be followed by forest owners, managers, or operators. (Source: Food and Agriculture Organisation of the United Nations (FAO). (2011). Forest Management Planning. Forest Stewardship Council (FSC). (2015). FSC-STD-01-001 V5-2.)

Forest operations: Planned and practical activities carried out within a forest for the purpose of managing forest resources. These include, but are not limited to, site preparation, planting, thinning, harvesting and road construction. (Source: Forest Stewardship Council (FSC) (2015). FSC-STD-01-001 V5-2. FAO – Food and Agriculture Organisation of the United Nations (2010). Forestry Operations and Engineering. Kellomäki, S. et al. (2008). Forest Ecology and Management.)

Forest owner: The individual, organisation, or legal entity that holds legal rights to a forest area and is responsible for its management and use. The forest owner is the certificate applicant or holder and is accountable for ensuring that forest operations comply with all relevant legal, environmental, and social standards set by the certification scheme. (Food and Agriculture Organisation (FAO) (2015). Voluntary Guidelines on National Forest Monitoring. United Nations Economic Commission for Europe & Food and Agriculture Organisation. (2020). Forest ownership in the UNECE Region.)

Free, Prior and Informed Consent: (FPIC) is the right of Indigenous peoples and local communities to give or withhold voluntary, timely, and well-informed agreement to projects or activities that may affect their lands, resources, or rights.

Fungal pathogens: Fungi that cause diseases in trees and other vegetation by penetrating their tissues—such as roots, stems, or leaves—and disrupting normal physiological processes such as water and nutrient transport, respiration, and photosynthesis. (Source: Forest Research UK. (2021). Tree Pests and Diseases. Forestry Commission. Schwarze, F.W et al. (2000). Fungal Strategies of Wood Decay in Trees)

Gap: In this Standard, removal of three or more (dominant top/upper canopy layer trees) adjacent trees larger than the average *tree diameter** of the stand. Delineated by the edges of the crown projections of the surrounding trees (see "Canopy gap").

GCM: Abbreviation for Group Certification Manager

Genetically manipulated regeneration material: Genetically manipulated regeneration material refers to planting or reproductive material (such as seeds or seedlings) derived from an organism whose genetic material has been altered in a way that does not occur naturally through mating or natural recombination. (Source: Based on FSC-POL-30-602 FSC Interpretation on GMO (Genetically Modified Organisms)).

Group certification: A certification scheme that allows multiple small forest owners or organisations to pool their resources and obtain a single, shared certificate. The certification enables cost-effective compliance with responsible forest management principles and the use of the trademark. The group

is managed centrally, and participants are required to meet the relevant requirements outlined in this standard.

Group Certification Manager: A person or group, such as a cooperative, association, or company, legally registered, that represents the management units and forestry contractors forming a group for AEFC forest management. The Group Certification Manager (GCM) applies for or holds group certification through an AEFC certification body and represents the group during the certification process and while the certificate is valid. The GCM is responsible for organizing the group internally (the group management system) and ensuring compliance with this Standard.

Group member: A forest owner, community, community member, or leaseholder that participates in a group for AEFC Forest Certification through their management unit(s). Group members do not hold individual AEFC certificates, but their management units are covered under the group certificate issued to and managed by the Group Certification Manager (GCM).

Group Rules: The set of rules and processes created by the Group Certification Manager (GCM) to ensure compliance with the relevant Forest Standard and to manage the operations of the group effectively.

Harmful decaying fungi: In this Standard, fungi that break down wood or other tree tissues in a way that negatively affects tree health, structural stability, or timber quality. These fungi can cause e.g. rot, weakened stems, or branch failure, reducing the vitality and economic value of the forest.

HCV: Abbreviation for High Conservation Value

Heterobasidion root rot is a serious and widespread fungal disease caused primarily by species in the *Heterobasidion* species complex. It affects coniferous trees, especially **pine, spruce, and fir**, by attacking the **roots and lower stem (butt)**, leading to wood decay, reduced growth, instability, and eventual tree death. (Source: Oliva, J., et al. (2014). The effect of fungal pathogens on the water and carbon economy of trees: implications for drought-induced mortality. Schwarze, F.W.M.R., et al. (2000). Fungal Strategies of Wood Decay in Trees. Forest Research UK. (2021). Tree Pests and Diseases.)

High Conservation Values: Biological, ecological, social, or cultural values of significant or critical importance. These values are typically categorized under six internationally recognized HCV-area or object types (see below) and serve as the basis for precautionary approaches in responsible forest management. (source: Forest Stewardship Council (FSC). (2015). FSC-STD-60-004 V2-0: International Generic Indicators. HCV Network. (2022). Common Guidance for the Identification and Management of High Conservation Values. ProForest. (2008). Good Practice Guidelines for High Conservation Value Assessments.)

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 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*.

(Source: Forestry Stewardship Council, (FSC) FSC-STD-01-001 V5-3)

High-altitude forests: Forests found at elevated sites, typically characterized by colder temperatures, shorter growing seasons, and often steep slopes. These forests are adapted to more challenging environmental conditions, low temperatures, and varying levels of precipitation. (Source: Food and Agriculture Organisation of the United Nations (FAO). (2020). Mountain Forests and Sustainable Development. Körner, C. (2003). Alpine Plant Life: Functional Plant Ecology of High Mountain Ecosystems. Price, M. F., et al. (2011) Mountain Forests in a Changing World: Realizing Values, Addressing Challenges.).

Important groundwater areas: An area where groundwater serves as a significant source of drinking or domestic water, and/or where maintaining the quantity and quality of the water is essential for sustainable water supply and/or environmental protection.

Indigenous peoples: Communities or individuals who are either:

- 1. Recognized as Indigenous by national legislation or
- 2. self-identify as Indigenous and in the area they currently live have **ancestral descent** and historic presence prior to colonization or formation of the modern state.

Members of an Indigenous People are those whom the Indigenous People in question recognises as their member.

Input: Raw, reclaimed, or semi-finished materials, as well as finished products, that an organisation procures or generates and uses in the production process, or trades under the scope of an AEFC certificate. The materials must belong to AEFC product groups based on their material category.

Invasive species: Non-native (alien) plant, animal, fungal, microbial etc. species that have been introduced—intentionally or unintentionally—beyond their natural range, and which proliferate rapidly, often due to the absence of natural predators or controls.

Legal basal area limit: The minimum basal area (m²/ha) that must be retained in a forest stand in thinning operations, as specified by national or regional forest legislation or regulations.

Legal thinning limit: The minimum stand density (stems/ha) or basal area (m²/ha) that must be retained in a forest stand in thinning operations, as specified by national or regional forest legislation or regulations.

Local communities: Local communities refer to groups of people living in, adjacent to, or near a forest Management Unit, whose livelihoods, cultural practices, rights, economies, or environments may be significantly affected by forest management activities, or who may in turn influence the environmental or economic conditions of the Management Unit. These communities can range in size and may include both rural and peri-urban populations with strong social, economic, or traditional ties to the forest area. (Source: Forest Stewardship Council (FSC). (2015). FSC-STD-01-001 V5-2. Food and Agriculture Organisation (FSC). (2016). Free, Prior and Informed Consent Manual for Project Practitioners. International Labour Organisation (ILO). (2013). Understanding the Indigenous and Tribal Peoples Convention.)

Low-productive forest land: Forested areas where the land's ability to produce trunk wood biomass of trees is limited due to various environmental factors such as soil quality, topography, climate, or disturbance history. These lands have a low mean annual increment (counted over period of 100 years for conifers, 50 years for leaved trees) of tree trunk biomass. The increment limit is sometimes defined as less than one cubic meter per hectare but greater than 0.1 cubic meters per hectare.

Management plan of a protected area: A document that defines the area's conservation objectives, permitted and restricted activities, as well as practical management and monitoring measures. Its purpose is to safeguard biodiversity, ecosystem functions and cultural values, while providing long-term guidance for the area's use and administration.

Management unit: A clearly defined geographic area within a forest that is designated for certification. It includes all land legally owned, controlled, or used by the organisation and is managed according to specific long-term objectives and sustainable forestry practices.

Mature stand: A forest stand in which the older trees have reached full or near-full growth, with well-developed crowns and canopy layers.

Mechanical pest, weed and fungal control: Includes physical methods such as manual removal, cutting, mowing, mulching, or soil tilling to control weeds, pests or fungi. These methods can be particularly effective in early stages of infestation or in sensitive environments where chemical treatments are undesirable. (Source: Metsäkeskus. (2020). Integrated Pest Management in Finnish Forestry: Practices and Guidelines. Finnish Forest Centre. Luke (2021). Forest Health and Pest Control: Strategies for Sustainable Management. Thurston, G., et al. (2013). Managing Pests and Pathogens in Forestry: A Manual of Integrated Pest Management (IPM) techniques)

National Working Group: A working group, established by the AEFC for a specific country or region, responsible for composing and developing the National AEFC Forest Standard.

National Standard: A set of requirements and criteria established by a national or regional certification body, to ensure that forest management practices within AEFC forestry in national or regional level meet the requirements set in AEFC Global Standard, national or regional legislation, and those arising from local environmental conditions. The National Standard is tailored to the specific conditions and priorities of the country or region in which it is applied, but it must align with global AEFC principles for forestry. National Standards must always be approved by the AEFC board.

Native (tree/shrub) species: Plant and tree species that naturally occur and have evolved in a specific geographical region or ecosystem without human introduction. These species are adapted to the local climate, soil types, and ecological conditions of the area. A native species, subspecies, or lower taxon occurs 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).

Natural forest: Forest composed of native tree species typical to a given area, regardless of whether the site has been influenced by human activity in the past or not. The term does not imply that the forest is pristine or untouched, but rather that its tree composition is naturally occurring and representative of the region's indigenous forest types.

Natural regeneration: Natural regeneration is the establishment and growth of new trees and forest vegetation from natural sources such as seed fall, stump sprouting, or root suckering, occurring after a disturbance or as part of the forest's natural cycle.

Natural tree species: Tree species occurring in a specific region or habitat through natural ecological processes, without being introduced by humans.

Non-natural water bodies: Hydrological structures or formations that have been artificially created by human activity rather than occurring through natural geological or ecological processes. These

may include drainage ditches, man-made ponds, irrigation channels, or reservoirs constructed for forestry, agriculture, or infrastructure purposes.

Non-permanent water bodies: Hydrological features that do not maintain water year-round and whose flow or presence of water is seasonal, intermittent, or event-driven (e.g., following rainfall or snowmelt). These include ephemeral streams whose stream bed is visible also when dry, seasonally dry rivulets, temporary ponds, and seasonal wetlands, which lack continuous flow or standing water during dry periods.

Non-productive areas: (See "Non-productive forest land")

Non-productive forest land: Areas within a forest or landscape that are either treeless or almost treeless, where the land's capability to produce trunk wood biomass is extremely limited. These areas have an annual increment (counted over period of 100 years for conifers, 50 years for leaved trees) of less than 0.1 cubic meters per hectare, meaning that tree growth is negligible or virtually absent.

Organisation: In this Standard, any person or entity that holds or applies for certification. Such an entity is responsible for proving compliance with the requirements on which AEFC certification is based.

Output: Materials, semi-finished products, or finished products that are produced, processed, or supplied by an AEFC-certified organisation and can be sold or traded with an AEFC claim. These are the results of AEFC-certified input materials entered into the production or supply process.

Outsourcing: An activity in which an organisation transfers an internal business process (for example, tasks related to producing a specific product or service) to an external organisation. These activities usually take place outside the organisation's own premises, but the organisation may also establish subcontracting agreements with other companies within its facilities.

Outsourcing agreement: A written contract between an organisation and a subcontractor, under which the subcontractor produces or processes an AEFC-certified product or material. The organisation remains responsible for purchasing the input materials and for selling the final product to the customer. Input material may be delivered to the subcontractor either by the organisation or by the supplier, and the output product may be returned to the organisation or delivered directly to the organisation's customer.

Pioneer Tree Species: Tree species that are naturally among the first to colonize disturbed or newly exposed sites, such as areas affected by fire, storms, logging, or soil disturbance. (Sources: Oliver, C.D., & Larson, B.C. (1996). Forest Stand Dynamics. Food and Agriculture Organisation of the United Nations (FAO). (2015). Global Guidelines for the Restoration of Degraded Forests and Landscapes in Drylands.)

Plantation: A plantation in this Standard refers to a monoculture stand of trees that has been intentionally established through planting or direct seeding, typically on clearcut areas.

Plantlife: A conservation organisation dedicated to the protection and sustainable management of wild plants and fungi, particularly within forest and woodland habitats. Plantlife promotes forest practices that maintain or enhance botanical diversity, including managing forest edges, glades, and rides, which are crucial for many rare and threatened plant species. It contributes scientific data, conservation guidance, and policy advocacy to ensure that forest management supports the ecological needs of plant biodiversity. (Source: Plantlife (2022). Managing woodlands for plants and fungi. Salisbury, UK: Plantlife. Plantlife (2021). About Us – Our Mission. www.plantlife.org.uk (Cite 8.5.2025). Kirby, K., & Goldberg, E. (2006). Ancient Woodland: Management for Wildlife and People.)

Pond: A small shallow body of water, typically with a maximum surface area of 5 hectares and a maximum depth of 5 meters. Ponds can be natural or artificial, and permanent or temporary.

Pristine forest: Natural forest ecosystem that has not been significantly disturbed by human activity and retains its original structure, composition, biodiversity, and ecological processes. These forests are typically primary forests, showing no visible signs of past logging, infrastructure development, or intensive land use. (Source: Food and Agriculture Organisation of the United Nations (FAO). (2020). Global Forest Resources Assessment. Convention on Biological Diversity (CBD). (2006). Global Biodiversity Outlook 2.)

Product group: A product or group of products defined by the organisation that share similar input and output characteristics and can be managed together for the purpose of controlling AEFC output requirements and labelling. The product group is based on a general description of outputs according to AEFC's product group classification system.

Productive forest land: Forested areas where the land's ability to produce trunk wood biomass of trees is equal to or above a mean annual increment of one cubic meter per hectare (counted over period of 100 years for conifers, 50 years for leaved trees).

Regeneration: The process by which tree cover is renewed after disturbance (such as harvesting, fire, or natural mortality), ensuring the continuity of the forest cover and ecosystem functions.

Retail: The activity of selling finished products directly to the public for use or consumption, rather than for resale.

Retention trees: Living trees intentionally left permanently standing during logging or harvesting operations to maintain ecological functions within a forest ecosystem, landscape values, etc.

Rivulet: A small, narrow, and often seasonal watercourse through which water flows over the land or into a larger stream. Rivulets may regularly dry up during part of the year and are generally smaller than permanent brooks.

Sapling: A young tree that has passed the *seedling** stage, tall enough to be measured at breast height (dbh), but not yet mature.

Scope: Refers to the area of an organisation's operations that falls within the certification. It includes the product groups, sites, and activities evaluated by AEFC's auditing body, as well as the certification requirements against which the audit is conducted.

Seedling: A young tree grown from seed, usually less than 1.3 m in height and not yet measured at breast height (dbh)

Set-asides: Defined areas or objects that are permanently left outside all management activities for biodiversity conservation reasons or for preserving other values, or are managed only for maintaining or increasing such values.

Set-aside threshold: Refers to the minimum proportion (10 % of the productive forest land) of a forest management unit that must be allocated for conservation under AEFC Regulations. The proportion can, however, be higher due to legal requirements, voluntary conservation actions, or areas sold for permanent protection.

Shelter thickets: Dense groups of shrubs and/or small trees left unmanaged to support biodiversity. Their aim is to reduce the impact of wind and snow, safeguard young trees and vegetation, and provide habitat for animals, and act as a source of seeds or food for forest wildlife.

Silvicultural measures: Actions or treatments applied to a forest stand to influence its establishment, composition, structure, growth, quality and health, in line with specific management objectives.

Site: In Part B of this Standard, a site refers to a functional unit of an organisation located at a single physical site, separate from other units. Small extensions, such as warehouses or storage areas without their own purchasing, processing, or sales functions, can be considered part of the site. A site cannot include more than one legal entity. Contractors under outsourcing agreements (e.g., outsourced warehouses) are not considered sites. Typical examples of sites include the organisation's manufacturing facilities and sales offices.

Small clearing (see also "gap"): A small clearing, or gap, is created by the removal of three or more adjacent dominant (top/upper canopy layer) trees that are larger than the average tree diameter of the stand. The maximum size of a clearing to be counted as "small" in this Standard is 0,1 ha.

Soil surface scarification: A variety of methods for (mechanically) exposing mineral soil surface for seed germination or planting seedlings.

Spring: A point or area where groundwater (including perched groundwater) naturally emerges at the surface, forming a small, often permanent or sometimes temporary water source. Unlike seepage areas, where water rises diffusely over a wide area, a spring discharges at a specific location, forming either an open pool or a very wet, plant-covered surface.

Stakeholder: Refers to individuals, communities, or organisations that are affected by the application or presence of AEFC-oriented management or manufacturing processes, or who can themselves influence either these processes or the involved individuals, organisations and communities. Examples of stakeholders include employees, customers, and business partners.

Stand / Forest stand: A contiguous community of trees that is more or less homogenous in species composition, age structure, and growth conditions, and occupy a specific area of forest land. The term is often used to describe a unit within a forest where the trees share common characteristics due to similar environmental factors such as soil type, moisture, and climate. Forest stands are often categorized based on the dominant tree species, age class, and canopy structure.

Stand/tree density: Refers to the number of trees per unit area in a forest stand. It indicates how closely trees are spaced and affects growth, competition, light availability, and overall stand structure.

Strip road: A narrow, regularly spaced path or lane within a forest stand used for timber extraction and machinery access during harvesting operations.

Subcontractor: A person, group, company, or legal entity that carries out forestry, logging, other forest management activities, or CoC and group certification services under the contract of a main contractor with an AEFC-certified organisation. The subcontractor must comply with AEFC certification requirements in their work, but their activities remain the responsibility of the main contractor and, ultimately, of the AEFC-certified contracting organisation.

Supplier: An individual, company, or other legal entity providing forest-based input materials to the organisation.

Supporting documents: Additional records, maps, forms, or declarations that complement the forest management plan and are required to demonstrate a forest owner's eligibility and readiness to join a forest certification scheme. These documents may include ownership records, consent forms, environmental assessments, maps of conservation areas, documentation of forest use rights, or

evidence of compliance with certification criteria. Together with the forest management plan, they form the full documentation package necessary for certification entry. (Source: Forest Stewardship Council (FSC). (2020). FSC-STD-30-005 V1-1 Standard for Group Entities in Forest Management Groups. Food and Agriculture Organisation of the United Nations (FAO). (2011). Forest Management and Planning)

Trademark: A symbol, logo, name, or combination thereof that identifies products or services as certified by or associated with a specific organisation. Trademarks are used to indicate that products come from responsibly managed forests. The use of trademarks is strictly controlled and may only be used by organisations with a valid license and certification. Trademark use must not be misleading or give a false impression of certification.

Transaction: Purchase or sale of products with AEFC claims on sales documents.

Undergrowth: The naturally regenerated layer of young trees and shrubs with height less than ½ of the height of the dominant tree layer of the forest.

Uneven-sized stand: A forest stand where trees vary in height and diameter. A continuous cover forest is typically also uneven-aged, meaning that smaller and younger trees are the most numerous, and the number of trees decreases as diameter and age class increase.

Water body: Standing or running water in a permanent pool or channel. The pool/channel can be regularly seasonally dry (seasonal water bodies). The pool/channel may be natural or man-made (artificial). The term covers all waters from oceans, lakes and rivers through e.g. creeks, brooks and ponds to springs, seasonal rivulets and manmade ditches and pools.