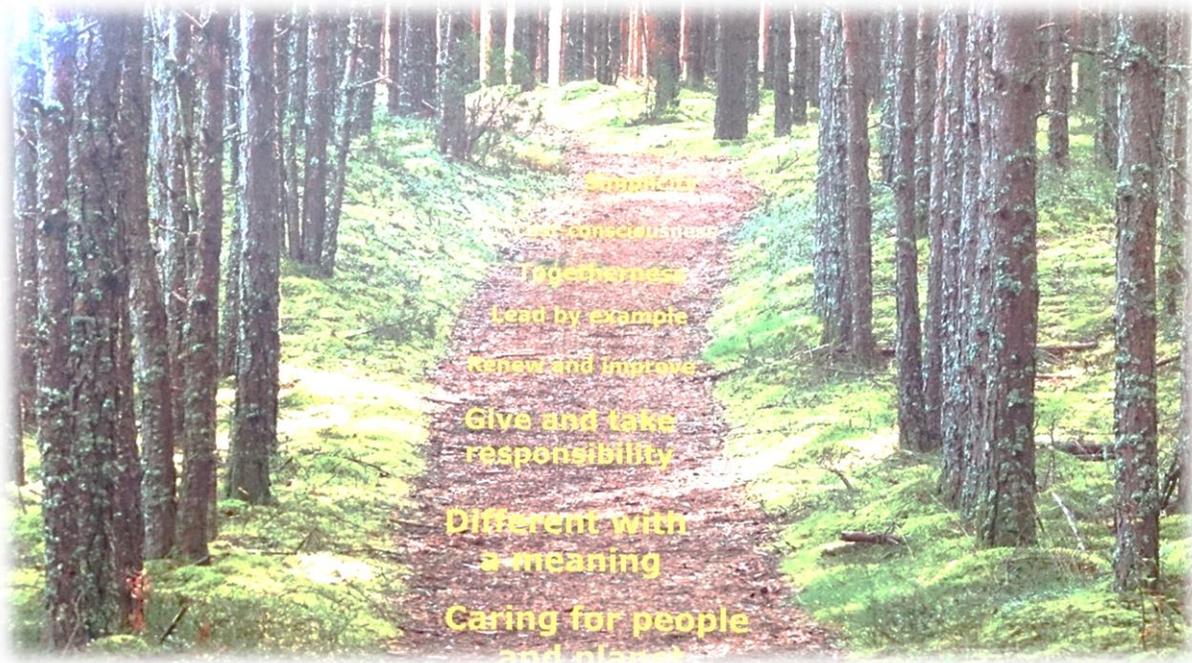


Ingka Investments Estonia OÜ



Forest Management Plan

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Introduction

The Forest Management Plan (hereinafter – FMP) of Ingka Investments Estonia OÜ (hereinafter - Ingka) contains the results of the forest management planning process, including forest management objectives, resource assessment, planned and implemented activities, as well as references to Ingka internal regulations. The mission of the Ingka Investments Estonia is to support Ingka Group in its desire to use resources in a sustainable manner. Ingka Investments Estonia OÜ manages forestland of 18 391 hectares in the entire inland territory of Estonia.

The FMP summary is publicly available on the Ingka Investments Estonia webpage www.ingka-investments.ee. It is communicated with public interest groups at least once every 5 years or whenever significant changes in forest management practices have occurred. The management plan is updated at least once a year. The FMP summary ensures that the requirements of the legislation of the Republic of Estonia as well as forest management standards are met. During the development of the FMP, the compliance of the SCS Global Services Temporary Forest Management Standard (V2.1, March 2016) with the national legislation was evaluated, and no conflict situations were found. Re-evaluation will be carried out with each update of the FMP.

By endorsing this document, the Ingka undertakes to comply with FSC principles and criteria, as well as all binding legislative requirements of the Republic of Estonia; the company also requires this commitment from all external service providers. The Forest Operation Manager is responsible for the contents of this FMP. Should you have any questions or comments regarding this FMP, please send them to the e-mail: ingka.investments.ee@ingka.com.

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1. Property description

This chapter provides information on managed forest resources, environmental restrictions, land use and property status, social and economic conditions, as well as a description of the land adjacent to the forest.

All forest land belonging to Ingka are covered by the scope of the certificate. In the case of a forest land areas not being included in the scope of the certificate, no action intentionally violating FSC principles and criteria will be performed.

All disputes that have arisen regarding ownership or use rights are documented.

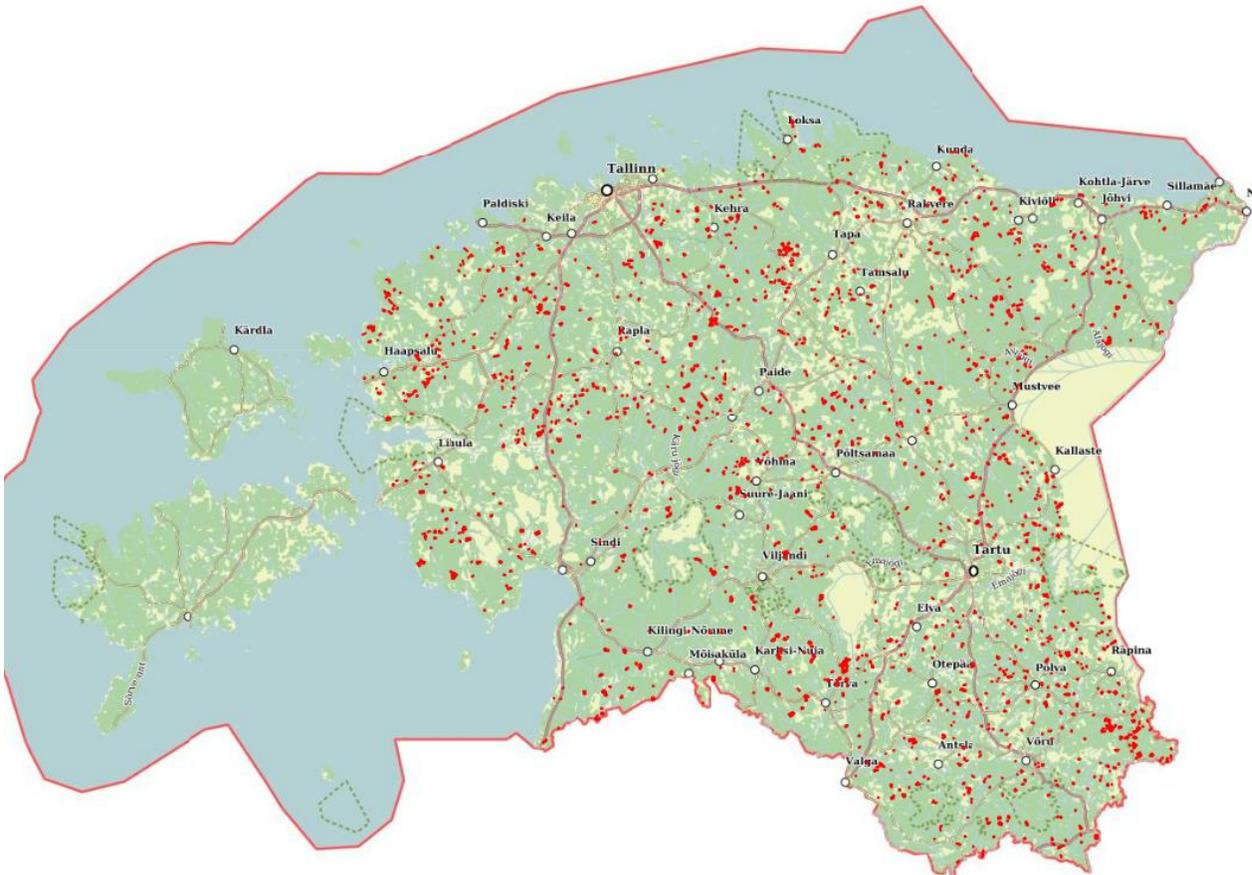
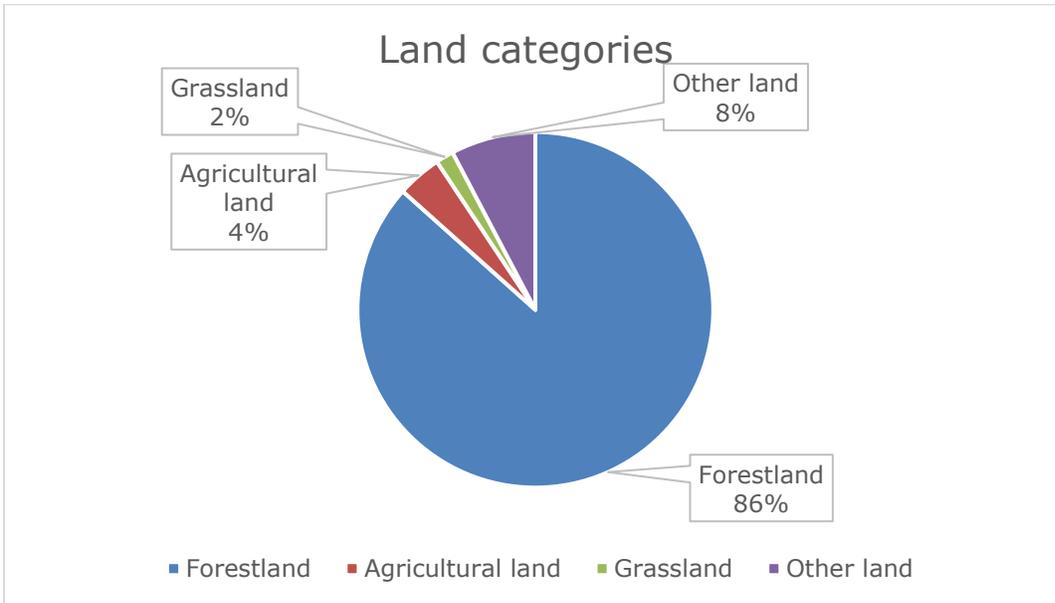


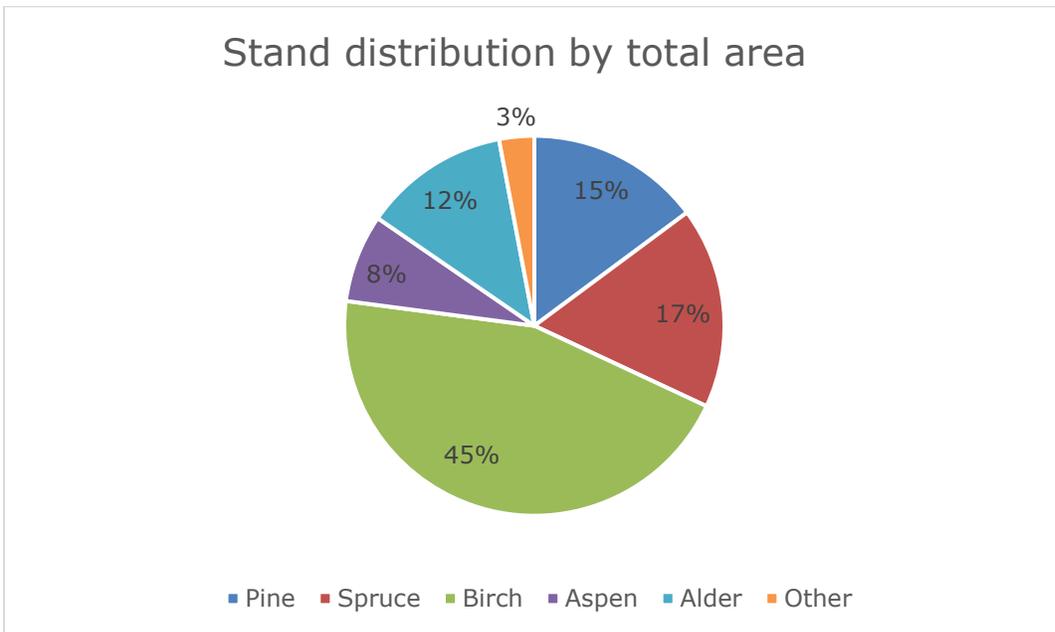
Illustration 1. Placement of the land in Estonia owned by Ingka Investments Estonia OÜ

a) Forest stand description

Distribution of territory by category of land (ha) as seen in the figure below:



Distribution of territory by main tree species (ha) as seen in the figure below:



b) Nature conservation areas

In the managed area, it is continuously ensured that no less than 10% of the total forest area is allocated to the primary objective – nature protection.

Ingka classifies and protects the following areas:

Identified value	Short description	Area, ha
HCV Category 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.	245,1
HCV Category 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 Category 3	Ecosystems and habitats. Rare, threatened or endangered ecosystems, habitats or refugia.	32,8
HCV Category 4	Critical ecosystem services. Basic ecosystem services in critical situations, including protection of water catchments and control of erosion of vulnerable soils and slopes.	650,1
HCV Category 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.	3,6
HCV Category 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.	2,8
	Total HCVF	937,2

Conservation zone	Areas that are designated and managed primarily to safeguard species, habitats, ecosystems, natural features or other site-specific values because of their natural environmental or cultural values, or for purposes of	0.2
Protection Areas		822,2

	monitoring, evaluation or research, not necessarily excluding other management activities.	
Connectivity areas	A measure of how connected or spatially continuous a corridor, network, or matrix is. The fewer gaps, the higher the connectivity. Related to the structural connectivity concept; functional or behavioural connectivity refers to how connected an area is for a process, such as an animal moving through different types of landscape elements.	-
Total rare or threatened species		822,4

Representative sample area	Portions of the Management Unit delineated for the purpose of conserving or restoring viable examples of an ecosystem that would naturally occur in that geographical region.	According to CAN register: forests on peat soils	190,7
		According to CAN register: forests on wet mineral soils	186,6
		According to CAN register: forests on mineral soils	16,3
Total Representative sample area		393,6	
Total Conservation Area Network		2153,2	

In high value forest areas, only activities permitted by national and/or forest management standards are carried out. In areas that do not correspond to the classification of high value forests, but are included among the 10% of the protected areas, no clear cutting will be planned if possible and reasonable (a complete list of protected areas, by cadastral, is available in conservation area register).

c) Principles of high value forest management

High value forests	Legislation of the Republic of Estonia or internal company policy governing management	Sources of documentation - desktop research using the best available information
HCV1	<ol style="list-style-type: none"> Nature Conservation Act Forest Act The protection procedure of a protected area, species protection site or individual protected natural object IKEA Forest management strategy 	National networks of protected areas designed for the protection of biodiversity (species). Large scale PA will not be included here entirely; Concentrations of species in critical moments of their existence: breeding, feeding, etc.
HCV2	NA	
HCV3	<ol style="list-style-type: none"> Forest act 	http://www.globalforestwatch.org/

		Check the correspondence between EU priority habitats and the national habitat classification available in stand registers for a rapid assessment. For example, Alvar forest and registered key habitats
HCV4	<ol style="list-style-type: none"> 1. Nature Conservation Act 2. Forest Act 3. Water Act 4. IKEA Forest management strategy 5. Forest management guideline Ingka Baltic 	Include stands with forest dbh 1.3 whose main function assigned is watershed protection or soil erosion control.
HCV5	NA	
HCV6	<ol style="list-style-type: none"> 1. Heritage Conservation Act 2. IKEA Forest management strategy 3. Forest management guideline Ingka Baltic 	Obvious cultural values are usually well-known and are belonging to the government (central or regional) or to the local community/municipality. To be checked - desktop research.

In order to ensure the preservation of high value forest properties, each of the high value forest categories in nature is subject to their effectiveness evaluation indicators, which are corresponding to the identified high-quality attribute or purpose. As a result of annual monitoring, data on the development of a high-grade feature (species composition, distribution, phytosanitary status, etc.) and deviations from the target are obtained.

Provisions for protecting water resources (e.g., stream courses and adjoining riparian areas, wetlands, seeps and springs) found within the defined forest area, especially forest management on bank, shore, etc. restriction belt will be carried out according to FSC standard and Nature conservation act. Final felling will be done as shelterwood cutting where possible. When-ever not possible, then clear cut area should not be bigger than 1 ha. Driving through rivers and creeks is usually forbidden. According to the law:

1. It is not allowed to cut any trees 10 m from the water, except damage, dead or trees and pushes fallen or about to be fallen into the water.
2. It is forbidden to store any residues in the water.

Continuous forest or bush cover is maintained on a stripe of 10 m along the river banks.

Surveillance and discover of new HCVF is and will be done in accordance with Ingka procedures and [monitoring system](#).

d) Natural forest habitats

In order to identify the potential presence of Woodland Key Habitats (WKHs) in the managed area, evaluation of potential rare habitat is carried out during the fieldwork at least before every logging operation. If during the planning of forestry work, when studying databases and maps of

regional or national protected parameters or receiving comments from interested parties (forestry workers, environmental organizations, etc.), reasonable information has been obtained that the forest property meets the WKH, the forest manager notifies the Environmental Board about potential WKH and takes responsibility to save area from any operations, before expert evaluation. WKH in new purchased properties will be evaluated by experts and if no indicators appear, the forest manager will make a proposal to Environmental Board to erase object from WHK register. Training for co-workers will be carried out regularly to identify WKH indicators.

WKH identified within the certification:

WKH type	Total area identified in the territory, ha
VEP158146, Palu-kuusikud ja kuuse segametsad, 36302:002:0230 er 10	0.5
VEP103144, Teised järsakumetsad, 85101:003:0107 er 2, 3 ja 4	1.8
VEP115115, Võsastunud puisrohumaa, 86302:003:0027 er 11	0.7
VEP143048, Ojakaldad, 66001:006:0035 er 6 ja 7	2.2
VEP000834, Salu-segametsad, 12901:001:0167 er 13	0.8
VEP148030, Märgalade metsad, 50403:003:0147 er 8 ja 9	0.63
VEP L00920, VEP L00919 Ojade kaldanõvad 78201:002:0025 er 13 ja 14	2,69
VEP 204174 Lehtmetsad arumaadel 86102:001:0675 er 9, 10, 15	0,4
VEP 114048 Männikud ja männisegametsad, 86502:002:1120 er 29, 32	2,8
Total	12,3

e) Endangered species, their habitats and protective areas

Restriction type	Area, ha
Species permanent habitat protective belt, prohibited management	120,4
Species permanent habitat restriction belt, limited management buffer zone	93,4

Full list of identified endangered species is available in Ingka CAN register.

In order to raise the awareness of co-workers regarding the possibilities of identifying large bird nests (black stork, black kite, serpent eagle, etc.), trainings will be carried out.

f) Forest ecological functions

Regulatory functions	Habitat ensuring functions	Productive functions
CO ₂ capture and O ₂ production within the process of photosynthesis	Living and breeding location for animal species	Ensuring and improving the growth and quality of timber and non-timber resources
Ensuring air quality	Preservation of biodiversity	Expansion of ecosystem productivity (natural stabilization)
Ensuring water quality	Balanced species numbers ratio	Ensuring the sustainability (non-diffusion) of ecosystem (forest stand) productivity
Ensuring water volume	Recovery of optimal food chains and ecological niches	Maintaining the quality of soil by ensuring the prerequisite for increased forest productivity
Protection against erosion	Ensuring suitable natural conditions for the development of coastal and inland water ecosystems	Ensuring suitable conditions for the conservation of fish resources

g) Objects with heritage and/or archaeological value

The forest manager shall ensure that objects with heritage and/or archaeological value are protected by coordinating activities with the National Heritage Board or protected voluntarily if considered important by third party. The following objects are considered:

- Places of burial
- Former homes
- Ornamental tree plantations and alleys
- Individual old trees
- Individual tapped trees, etc.

Identified units:

Name of unit	Location	Description
Kullimetsa	76702:003:0067	Rahvapärimustega seotud kivi "Lootuskivi". <i>Cultural heritage boulder.</i>

Jukametsa	69401:004:0180	Tondikivi. <i>Cultural heritage boulder.</i>
Laane	19501:002:1103	Laane Tammed. <i>Singe oaks</i>
Tuusti	50401:006:0149	Muinsuskaitseobjekt "Hiielepik". <i>Heritage protection gray alder stand</i>
Alu	43701:003:0730	Arheoloogiamälestis linnus "Alulinn" <i>Archeological object</i>
Nurmemetsa	91701:001:0281	Vana tõrvaahi. <i>Heritage protection object</i>
Heinavahi	71302:002:0352	Vana postitee. <i>Heritage protection object. Old road</i>
Kransi	61903:003:0137	Tõnisekivi. <i>Heritage protection object. Boulder</i>
Lauri	69403:001:0079	Kaitsealune Pärn. <i>Cultural heritage old lime tree.</i>
Päkka	54701:001:0366	Rebasemäe Kuusk. <i>Cultural heritage old spruce tree.</i>
Rehe	22901:002:0019	Pilliroosoo Rändrahn, <i>Cultural heritage boulder.</i>
Tammemäe	79201:001:0780	Tammemäe kivimurd, <i>Cultural heritage boulder.</i>

Next to that, many former homes are on the properties. Ruins will be left as they are or cleaned carefully, if needed.

h) **Non-timber forest resources**

The forest manager is aware of the value of non-timber forest resources (products and services).

The forest manager has identified such non-timber resources in his forest properties:

Resource	Location	Production volumes
Forest berries and mushrooms	All forest properties	Not produced commercially
Game animals	All properties, especially territories where hunting rights lease agreements have been concluded	Limits are set by local board and Environmental board
Recreation	All forest properties where available	Areas will be selected

i) **Description of fauna**

The Ingka Forest Manager has representatives of fauna typical of the territory of Estonia, such as beavers, stags, wild boars, elks, roe deer, etc. Annual information is gathered on the number of game (limited and unlimited) species such as beavers, stags, wild boars, elks and roe deer by Environmental Agency.

Taking into account the size of the forest property and location, as well as the distribution area of forest animal populations, it is not possible to determine the exact number of species and their density in a given property, therefore the data provided by the Environmental Agency on changes in the population of fauna at national level is used.

j) Beaver flooding

At present, the forest manager has identified long-term beaver flooding in forest properties on natural watercourses with the total area of 12.2 ha, the manager is aware that leastways a partial protection must be ensured.

k) Phytosanitary condition

Phytosanitary condition of Ingka forest is good. No forest pests or insects attack have been recorded. Forest manager is monitoring forest regular bases and keep gathering information about possible pests from Environmental Agency.

l) Description of adjoining land

Ingka Forest properties are located throughout Estonia, thus this chapter provides a general description of the territory of Estonia.

Territorial placement

Estonia lies on the eastern shores of the Baltic Sea immediately across the Gulf of Finland from Finland on the level northwestern part of the rising East European platform between 57.3° and 59.5° N and 21.5° and 28.1° E. Average elevation reaches only 50 meters and the country's highest point is the Suur Munamägi in the southeast at 318 meters. There is 3,794 kilometers of coastline marked by numerous bays, straits, and inlets. Estonia is covered by about 23 000 km² of forest. Agriculture land amounts to about 12 000 km² and bogs cover about 2140 km². There are more than 1,400 natural and artificial lakes in Estonia. The largest of them, Lake Peipus (3,555 km²), forms much of the border between Estonia and Russia. Located in central Estonia, Võrtsjärv is the second-largest lake (270 km²). The Narva and Emajõgi are among the most important of the country's many rivers.

Climatic conditions

Estonia lies in the northern part of the temperate climate zone and in the transition zone between maritime and continental climate. Because Estonia (and all of Northern Europe) is continuously warmed by maritime air influenced by the heat content of the northern Atlantic Ocean, it has a milder climate despite its northern latitude. The Baltic Sea causes differences between the climate of coastal

and inland areas. Estonia has four seasons of near-equal length. Average temperatures range from 16.3 °C on the Baltic islands to 18.1 °C inland in July, the warmest month, and from -3.5 °C on the Baltic islands to -7.6 °C inland in February, the coldest month.

Forests

Estonia is a country rich in forest – over a half (50.6%) of land is covered with forest. The area and reserve of our forests has increased significantly during the last half-century. In Estonia, forest grows on approximately 2.3 mln hectares, of which approximately 75%, that is, 1.6 mln hectares is manageable forest. Most common tree species are pine, birch and spruce.

Animal kingdom

Estonia's sparse population and large areas of forest have allowed stocks of European lynx, wild boar, brown bears, and moose to survive, among other animals. Estonia is thought to have a wolf population of around 200, which is considered slightly above the optimum range of 100 to 200. Estonian birdlife is characterized by rare seabirds like the Steller's eider (*Polysticta stelleri*), lesser white-fronted goose (*Anser erythropus*) and black-tailed godwit (*Limosa limosa*), wetland birds like the great snipe (*Gallinago media*), dry open country birds like the corn crake (*Crex crex*) and European roller (*Coracias garrulus*) and large birds of prey like the greater spotted eagle (*Aquila clanga*). Estonia has five national parks, including Lahemaa National Park on the northern coast as the largest. Soomaa National Park, between Pärnu and Viljandi, is known for its wetlands. Reserves such as Käina Bay Bird Reserve and Matsalu National Park (a wetland of international importance under the Ramsar Convention) are also popular with locals and tourists and support a wide variety of birdlife. The largest bear populations can be found in north east Estonia in the counties of Ida and Lääne Viru. The numbers of bears, lynx and wolves suffered during the Soviet Occupation as the animals were persecuted heavily. After they were given protection the numbers of the larger carnivores peaked in the early 1990s but they have since fallen slightly from those highs due to increased hunting pressure. In 2008, Estonia was home to approximately 620 brown bears, 760 lynx, and 135 wolves. As of early 2010, large ungulates included 48,040 roe deer (down from 63,000 in 2009), 11,741 European elk, 2,831 red deer, and 22,642 wild boars.

2. Forest management objectives

This chapter defines long-term management objectives and the methods of achieving them in the economic, environmental and social management area. The company's goals are set by the Board.

a) Company's long-term goals

Economic
<ol style="list-style-type: none">1. Optimizing the value of long-term assets in accordance with all applicable laws, regulations and ToE standard (Terms of Engagement in Forest Operations).2. Carrying out forest management activities in accordance with the annual budget and in line with priority investments in forestry, ditching and road maintenance, thus improving the productivity of commercial forests in the long run.3. Directing the wood products derived from the Ingka Forest Management in the IKEA supply chain, if it adds value to the Ingka Group.
Environmental
<ol style="list-style-type: none">1. Forests must be managed in an environmentally responsible manner and certified in accordance with the Forest Stewardship Council (FSC) principles and criteria.
Social
<ol style="list-style-type: none">1. Forests must be managed in a socially responsible manner and certified in accordance with the Forest Stewardship Council (FSC) principles and criteria.

b) Techniques for reaching long-term goals

Techniques for reaching economic goals
<ol style="list-style-type: none">1. To purchase additional forest land, assessing their ability to achieve the above economic goals.2. To carry out reasonable forest care, including tending of young forest stands and growing stocks.3. Other actions contributing to the achievement of the above goals.
Techniques for reaching environmental goals
<ol style="list-style-type: none">1. To purchase additional forest land, assessing their ability to achieve the above environmental goals.2. To balance the volume of wood harvesting with actual wood growth in the forest.3. Other actions contributing to the achievement of the above goals.
Techniques for reaching social goals
<ol style="list-style-type: none">1. To purchase additional forest land, assessing their ability to achieve the above social goals.2. To balance the volume of wood harvesting with actual wood growth in the forest, thus ensuring a socially important factor such as regular employment.3. Other actions contributing to the achievement of the above goals.

c) Wood sales

Wood for delivery will be sold as stumpage or as assortments. The forest manager shall provide full insight into gross log incomes, transportation costs, harvesting costs, and other costs, so that Ingka can follow the whole harvest/wood sales chain. Ingka accounting stipulates revenues are recognized at the moment of issuing the invoice.

The Forest manager shall optimize wood sales revenues through finding the best buyer, maximize the amount of valuable assortments, chose the right timing for sales. The Forest manager is flexible in time with 30% of the planned sales volume to sell it under best possible market situation. Thus the sales volume for a year could maximally vary between 70-130% of the budgeted volume, but maybe further constrained by legal frame works or FSC.

- The forest manager shall sell the respective assortments trying to get best possible price per assortment and maximizing the volume of the most valuable assortments, veneer logs and saw logs, i.e. maximize total value according to [Assortment Production Guideline](#).
- The forest manager shall sell wood when the market is beneficial. Determination of when the market is beneficial shall be done on reliable market information, demonstrated to Ingka. In absence of reliable official market information, other sources of information shall be searched, also non-domestic sources could be used.

All the taxes are paid in accordance with the relevant laws.

d) Timber product description

Assortment EE	Assortment EN	Product Level 1	Product Level 2	Species
Männipost	Pine post	W1 Rough Wood	W1.1 Round wood (logs)	Pinus Sylvestris / Pine
Männi majapalk	Pine houselog	W1 Rough Wood	W1.1 Round wood (logs)	Pinus Sylvestris / Pine
Männipalk	Pine sawlog	W1 Rough Wood	W1.1 Round wood (logs)	Pinus Sylvestris / Pine
Männilatt	Pine fence post	W1 Rough Wood	W1.1 Round wood (logs)	Pinus Sylvestris / Pine
Männipalk sorditu	Pine defected log	W1 Rough Wood	W1.1 Round wood (logs)	Pinus Sylvestris / Pine
Männipaberipuit	Pine pulpwood	W1 Rough Wood	W1.1 Round wood (logs)	Pinus Sylvestris / Pine
Männiküttepuuit	Pine firewood	W1 Rough Wood	W1.2 Fuel wood	Pinus Sylvestris / Pine
Kuusepalk	Spruce sawlog	W1 Rough Wood	W1.1 Round wood (logs)	Picea abies / Spruce
Kuusepost	Spruce post	W1 Rough Wood	W1.1 Round wood (logs)	Picea abies / Spruce
Kuuselatt	Spruce fence post	W1 Rough Wood	W1.1 Round wood (logs)	Picea abies / Spruce
Kuuse majapalk	Spruce houselog	W1 Rough Wood	W1.1 Round wood (logs)	Picea abies / Spruce
Kuusepalk sorditu	Spruce defected log	W1 Rough Wood	W1.1 Round wood (logs)	Picea abies / Spruce
Kuusepaberipuit	Spruce pulpwood	W1 Rough Wood	W1.1 Round wood (logs)	Picea abies / Spruce
Kuuseküttepuuit	Spruce firewood	W1 Rough Wood	W1.2 Fuel wood	Picea abies / Spruce
Kasepakk	Birch veneer	W1 Rough Wood	W1.1 Round wood (logs)	Betula pendula / Birch
Kasepalk	Birch sawlog	W1 Rough Wood	W1.1 Round wood (logs)	Betula pendula / Birch
Kasepalk sorditu	Birch defected log	W1 Rough Wood	W1.1 Round wood (logs)	Betula pendula / Birch
Kasepaberipuit	Birch pulpwood	W1 Rough Wood	W1.1 Round wood (logs)	Betula pendula / Birch
Kaseküttepuuit	Birch firewood	W1 Rough Wood	W1.2 Fuel wood	Betula pendula / Birch
Sanglepapalk	Black alders pallet	W1 Rough Wood	W1.1 Round wood (logs)	Alnus glutinosa / Black alder
Hall-lepapalk	Gray alder pallet	W1 Rough Wood	W1.1 Round wood (logs)	Alnus incana / Grey alder
Okaspuuküttepuuit	Conifer Firewood	W1 Rough Wood	W1.2 Fuel wood	Pinus Sylvestris / Pine, Picea abies / Spruce
Muu okaspuupalk	Other conifer sawlog	W1 Rough Wood	W1.1 Round wood (logs)	Pinus Sylvestris / Pine, Picea abies / Spruce
Haavapalk	Aspen pallet	W1 Rough Wood	W1.1 Round wood (logs)	Populus tremula / Aspen
Haavapaberipuit	Aspen pulpwood	W1 Rough Wood	W1.1 Round wood (logs)	Populus tremula / Aspen
Muu lehtpuupalk	Other hardwood pallet	W1 Rough Wood	W1.1 Round wood (logs)	Alnus incana / Grey alder, Alnus glutinosa / Black alder, Fraxinus Excelsior / Ash, Populus Tremula / Aspen
Küttepuuit	Firewood	W1 Rough Wood	W1.2 Fuel wood	Alnus incana / Grey alder, Alnus glutinosa / Black alder, Fraxinus Excelsior / Ash, Populus Tremula / Aspen, Betula Pendula / Birch
Lehisepalk	Larch sawlog	W1 Rough Wood	W1.1 Round wood (logs)	Larix / Larch
Saarepalk	Ash sawlog	W1 Rough Wood	W1.1 Round wood (logs)	Fraxinus excelsior / Ash
Raiejäätmed	Logging residues	W3 Wood in chips or particles	W3.1 Wood chips	Pinus Sylvestris / Pine, Picea abies / Spruce, Alnus incana / Grey alder, Alnus glutinosa / Black alder, Fraxinus Excelsior / Ash, Populus Tremula / Aspen, Betula Pendula / Birch
Okaspuu paberipuit	Conifer pulpwood	W1 Rough Wood	W1.1 Round wood (logs)	Pinus Sylvestris / Pine, Picea abies / Spruce
Võsa metsamaalt	Biofuel chips from forestland	W3 Wood in chips or particles	W3.1 Wood chips	Pinus Sylvestris / Pine, Picea abies / Spruce, Alnus incana / Grey alder, Alnus glutinosa / Black alder, Fraxinus Excelsior / Ash, Populus Tremula / Aspen, Betula Pendula / Birch

3. Description of the forest management system

Forest manager has implemented procedures for work flow according to intercompany Forest management guideline for maintenance and logging operation together with fieldwork forms and work specifications for co-workers and service providers.

Outsourcing is used for forestry activities such as forest plantation, maintenance, main use and transportation. In order to ensure that outsourcing providers are informed about certification and other requirements, annual training is organized, and outsourcing providers are also provided with the training materials and electronic copies of the binding certification standards.

In the production of timber, the method of clear cutting is mostly used for regeneration cutting. In compliance with the requirements of Nature Conservation, the forest manager does not perform clear cutting (maintaining the growing tree density on the ground floor of the forest stand not less than 0.4) in green belts (in the contact (transition) zone) around swamps and river.

In stands where oaks, lindens, maples, fluttering elms, elms and hornbeams are dominant, the restoration of forest stands of these species is ensured at least to the extent that the proportion of species in question was before the start of the regeneration cutting.

If this does not create a real threat of diseases and pests in surrounding stands and/or threats to occupational safety, such locations and trees are not subject to forestry activities in the area under management:

- specific areas of deadfalls and wind broken trees where large trees have grown;
- burnt stands older than 30 years, in groups or separately — surviving trees, as well as trees lost in groups;
- crab-apples and junipers.

a) Management of wet forests

The management of wet forests meets the following requirements:

- The preservation of advance growth is promoted in wet spruce forests (swamp forest, mixed forest on wet peat soil, wet rich deciduous forest, wet spruce forest and reeds) and at least partial regeneration under the mother stand crown carpet;
- The number of retainable trees in wet deciduous forests (swamp forest, mixed forest on wet peat soil, wet rich deciduous forest, wet spruce forest, as well as mixed swamp forest with reeds where black alder is dominant) – at least 30 per 1 ha and groups of retainable trees must be formed;
- In wet deciduous tree and spruce forests (swamp forest, mixed forest on wet peat soil, wet rich deciduous forest, wet spruce forest, as well as mixed swamp forest with reeds where spruce or black alder is dominant), regeneration of growing tree species is to be promoted.

b) Forest maintenance and regeneration

The main task of forest regeneration is growing a productive and qualitative forest that meets the forestry requirements, restoring the forest by sowing or planting, or promoting natural regeneration, if it occurs with tree species corresponding to the given growth conditions. Only certified forest reproductive material is used for artificial reforestation within the Ingka.

The maintenance of young forest stands is carried out with the aim of promoting the development of tree species best suited for particular forest-growing conditions. It should also be

mentioned that maintenance increases the future forest productivity and the value of retainable trees, depending on the genetic characteristics of the plants or seeds. Proper selection of plants greatly influences the growth of stock and the quality of trunks. Properly cultivating young forest stands for retainable trees will significantly increase the growth space and reduce the duration of the forest cultivation cycle.

Thinning of growing stock should be started when forest stand trees from the moment of young forest stands merging begin to run out of resources for growth – water, nutrients and light. During the thinning process, part of the stand is periodically cut out.

In unmixed stands, thinning of growing stock regulates density and improves stand quality, but in mixed stands – forms a forest stand with the desirable species composition and quality.

The intensity of thinning depends on the forest stand's composition, age, growing stock, biological characteristics of the main species, forest stand, type of growth conditions and forest stand management forestry objective, as well as on the ability of the forest stand to continue producing wood in such volume that at the moment of main cutting, the growing stock would be close to the possible maximum amount.

Ingka forest manager in Estonia follows the Forest Management Guidelines in the Baltic States.

a) Logging equipment and technology

In order to reduce the impact of logging on the soil and growing trees, as well as to increase the majority of the assortment to be obtained and their quality, Ingka uses suitable technology. The technical requirements for timber delivery technology are determined individually, evaluating the conditions and distance of timber delivery in order to minimize the negative impact of logging equipment on the soil. Mostly, harvesters and forwarders are used for any logging activity.

b) Labour protection

Each company engaged in Ingka forest work must have a labour protection system set up that is in compliance with the Occupational Health and Safety Act and must observe the bound safe work requirements.

The inspection of these requirements is performed by forest manager during the day-to-day logging operations, as well as during the Ingka internal audit. The forest manager provides guidelines and annual training for co-workers and service providers on current issues in labour protection.

4. Grounds for the choice of annual forest harvesting and species selection

An annual allowable cutting (AAC) volume is balanced with wood growth, thereby ensuring a solid timber flow and sustainable forest management. AAC of forest products, either by area or volume, is established by a combination of empirical data and published literature, based on conservative, growth and yield estimates to ensure that the rate of harvest does not exceed the calculated rates of long-term growth.

For long term optimization and ensuring long-term sustainability, Iptim (by Simosol OY) software is used to create optimised harvest and maintenance plans based on Ingka data, models, regimes, products and objectives.

The planning of harvesting is carried out in a way that during operations included in the regular forest management process (regeneration cutting and commercial thinning) does not exceed the average permissible cutting volume for a 120-year period. The annual cutting volume can be increased to the extent of the growing stock accumulation during the previous period. The planned cutting volumes do not include damages caused by natural disasters (deadfalls, snow showers, etc.) and the increase in cutting volumes related to liquidation of consequences.

5. Forest growth dynamics and monitoring

To assess the activities carried out, forest growth dynamics, flora and fauna changes, an annual monitoring is provided. Monitoring is performed by the Forest Operation Manager.

a) Environmental impact

Environmental impact is always assessed during and after logging operations and during maintenance activities if risks appear.

Questioner and it's report is available in Forest Information system. Only non-conformities will be in the report.

b) High conservation value forest: identification, management and monitoring

HCV monitoring plan for FSC certified forests owned by Ingka Investments Estonia OÜ

Objectives:

The overall aim of HCV monitoring and management is to maintain and, where possible, enhance significant and critical environmental and social values as part of responsible forest management.

In order to reach that, monitoring shall:

- track the evolution of the identified critical values and their response to the applied management measures;
- validate the existence of identified values or any significant changes affecting their existence or conservation status;

A. Description and location of each HCV present: info about the significant or critical nature of the HCV at the appropriate scale.

B. Establishment of baseline data: what is the situation at hand when an entity makes the assessment?

C. HCV management objectives and targets: can be derived from the HCV definitions. The organization must transform management objectives (e.g., preserve rare wetland habitat), into specific and measurable management targets (X ha of wetland are in a healthy state).

D. Assessment of threats to HCVs: the organization must conduct a threat assessment for the HCVs identified (can be done by externals) <http://www.iucnredlist.org/technical-documents/classification-schemes/threats-classification-scheme>.

E. Consultation with stakeholders and experts: stakeholder engagement and consultation of external specialists, especially when the scale and intensity of production activities or external threats to HCVs are high;

F. Development and implementation of effective management strategies: that maintain and/or enhance the HCVs identified.

G. Development and implementation of a monitoring plan: to evaluate the effectiveness of management strategies and prescriptions, and must be tied directly to management objectives.

H. Adaptive management strategies, based on monitoring results to ensure effective HCV conservation. The management plan needs to clearly lay out a process for using the results of monitoring to change management as needed.

Development and implementation of the monitoring plan

An HCV may be declining, or a management strategy may be ineffective because of a number of reasons, including:

- Practical barriers to management implementation;

- Poor implementation of management strategies;
- New or changing threats/conditions;

These challenges can make it difficult to distinguish between a decline in an HCV due to weak implementation of management strategies, vs. a change due to (well implemented but) ineffective management strategies. Therefore, it is essential to monitor:

1. The implementation of management plans (operational monitoring)
2. Whether HCVs are being maintained by current management plans (strategic/effectiveness monitoring), and
3. Threats to HCVs (threat monitoring - aims to assess any changes in threats to HCVs).

The first monitoring category covers all management prescriptions (e.g. SOPs) across the management unit and it's being implemented at different compartment levels within the FME (E.g. monitoring of SOPs relating to road construction, harvesting operations, waste management and maintenance of HCV area boundaries). Relevant information for HCV network are transferred towards FSC responsible for their consideration and follow up.

The strategic and threats monitoring are subject of this plan.

Strategic/effectiveness monitoring

- Aims to assess whether HCVs are being maintained by current management plans;
- The schedule of strategic monitoring will depend in part on the vulnerability of the value being monitored and the cost of monitoring.

HCV monitoring plan can be seen in [here](#).

During the first year of certification, at least 30-40% of the CAN areas will be inspected to determine their initial state.

c) Illegal forestry

Forest manager shall register all violations of forestry laws, regulations or administrative provisions. Reasons for the violation of law shall be established and the forest manager shall implement relevant preventive and corrective actions:

- Having detected illegal activities (such as illegal tree cutting, construction and other unauthorized activities), forest manager immediately inform the competent state and/or local authorities and document the relevant event.
- Having detected violations of forestry laws, regulations or administrative provisions inside the company (sub-contractors incl.), corrective and preventive measures will be carried out according to "[Ingka Baltic Conflict Resolution Procedure](#)".

In order to avoid violation of boundaries of the felling area, if, as a result of the cutting, the basal area of the forest stand or its part will be reduced below the minimum basal area, except in the case of forming 0.2 hectare and smaller openings during the selective cutting, the felling area is marked so that the boundaries of the felling area are clearly visible, clear boundaries are considered to be:

- a forest stand up to 20 years of age;
- a clearing;
- non forest land;
- a boundary track;
- forest infrastructure objects;
- a colored, ribbed or visor-stamped border of felling area.

d) Social influence

Social Impact Assessment will be regularly done by analysing, monitoring and managing the intended and unintended social consequences, both positive and negative, of planned interventions and any social change processes invoked by those interventions. Before or during forest logging and thinning operations forest managers are performing Social Impact Assessment by filling questionnaire in Forest Information System.

Main risks and their control measures:

Related issues	What can happen	Existing control measures
Health and safety	Injuries to workers and locals	High standard for service providers
Infrastructure	Can damage	Avoid using soft roads during rain period
Neighbours	Conflict	Notification and negotiations, agreement for land use
Local labour	Give work and income to locals	Prefer local labour
Local economy	Sell timber to local sawmills and firewood producers	Prefer local buyer
Promotion of local social and environmental values	Fix up local sightseeing or recreation objects	
Children education	Allow local school children and other people to participate in planting days where it is safe	
Change landscape	Large clear-cut areas in populated areas	Notification and negotiations

All forest properties owned by managers provide free access to berry and mushroom picking, as well as other types of recreation that is not contrary to existing legislation or certification

requirements. Restrictions on access to forests can only be made if required by safety requirements (forestry works are underway) or in other situations, where there is a threat to society or the environment.

The forest manager hears out the local community (including the owners of neighbouring land) and other interested parties regarding the forest management and plan that has taken place. The forest manager establishes and updates the list of interested parties annually, see Annex 3.

Any interested party is invited to submit their suggestions, questions and comments by sending them to the e-mail: ingka.investments.ee@ingka.com, thus continuously improving the manager's performance in forest management and ensuring social responsibility.

Comments received (both external and internal) are evaluated, and within a month from the moment of receipt, the respondent is provided an answer (action) to the comments made, FMP is included in the response if necessary. The process is governed by the internal [Ingka Baltic Conflict Resolution Procedure](#).

Fair compensation or reasonable mitigation shall be provided to local people, communities or adjacent landowners for substantiated damage or loss of income caused by the FM.

People employed as a result of performing economic activity (number):

Year	Staff employees		Outsourcing	
	Men	Women	Men	Women
2018	5		30	
2019	5		50	
2020	6		56	
2021	6	1	71	3
2022				

Accidents occurred (number):

Year	Staff employees		Outsourcing	
	Serious	Fatal	Serious	Fatal
2015	0	0	0	0
2016	0	0	0	0
2017	0	0	0	0
2018	0	0	0	0
2019	0	0	0	0
2020	0	0	0	0
2021	0	0	0	0

e) Trainings organized by Ingka

To ensure the awareness of co-workers regarding requirements of certification, etc. Ingka holds annual training. Each year, by 1st of January, Ingka will establish a training plan for the current year. Forest operation manager is responsible for the training.

Past trainings:

Subject	Date
IRI, IKEA introduction, IWAY, FSC standard and maintenance work training for service providers	June 2017
IRI, IKEA introduction, IWAY, FSC standard and maintenance work training for service providers	November 2017
FSC training for co-workers	October 2017
HCVF training for co-workers	December 2017
Forestry law and Law of Property Act	December 2017
Training for co-workers: <ul style="list-style-type: none"> • FSC requirements on Forest Management and Chain of Custody • Forest Management Plan for 2018-2028 	January 2018
IRI, INGA introduction, ToE, FSC standard and maintenance work training for service providers	Sept-October 2018
Taxation training for co-workers	December 2018
Drone training	December 2018
Excel training	March 2019
Negotiation training	August 2019
FODA sharing best practices RO	Mai 2019
Iptim optimization tool training	October 2019
FODA sharing best practices LT, LV	October 2019
CoC training	October 2019
Hard talk and negotiation training	March 2020
FSC training for co-workers	October 2020
Forest maintenance works and safety training for service providers	October 2020
CoC training	October 2021

f) Costs, labour productivity and efficiency

Forest manager submit data on:

- forest regeneration;
- forest tending;
- property purchase;
- sales of felling area and property;
- timber sales;
- administration costs.

Data of costs, productivity and efficiency on the assessment results are available in the HR files and in yearly budget reports.

6. Environmental protection measures

The forest manager is aware that inadequate logging can result in significant damage to the environment, therefore before the start of disturbing activities in forest plots, environmental impact assessments are carried out and their progress is documented in the Evaluation form before any logging action, during and [after](#) logging. Data will be recorded in the company public disk or Forest Information System. Both main cutting and growing stock thinning is considered to be disturbing

activity. Planned forest management activities are modified taking into account the results of the environmental impact assessment (by applying the most appropriate development techniques, machinery, development time, adjusting the delivery and export paths, etc.).

To ensure environmental protection requirements, the forest manager organizes training for co-workers and service providers annually. Written guidelines are also developed that are binding on different types of activities (preserving natural values in felling areas, soil and water protection, operation of infrastructure objects, etc.). The Ingka internal regulatory documents are listed in *Annex 2*.

a) **Retainable trees and forest structures**

The principles for choosing retainable trees and forest structure are regulated by the Ingka "Inga Investments forest management guidelines and environmental pollution reduction requirements".

b) **Seasonal protection measures**

In order to reduce the negative impact of economic activity on bird nesting in the forest, in forests with high natural density of breeding birds and diversity of species:

- logging intensity is reduced from April 15 to May 31;
- from April 15 to May 31, no thinning is carried out on pine and deciduous trees up to 10 years of age and young forest stands of spruce up to 30 years of age, except for young forest stands with an average height of up to 0.7 m for conifers and up to one meter for deciduous trees.
- As the logging intensity is high during cold period in February March and due to limitation of transport, significant amount of the timber will be delivered and sold during the nesting period.

c) **Fire safety**

Fire safety in the forest and obligations of landowners in forest areas in the Republic of Estonia is regulated by Fire Safety Act.

A landowner shall be obliged:

- 1) to set up tracks and firebreaks in forest areas and to maintain them, except in the protected areas specified on the basis of the Nature Conservation Act, if so provided by subsection (2) of this section;
- 2) to prepare and mark existing smoking and campfire sites and parking lots for means of transport;
- 3) to mark existing water points, keep the access roads open for vehicles and ensure other technical conditions required for fire extinguishing;
- 4) in the case of high fire-risk and based on the orders of the Rescue Board to place notices on the prohibition of campfires in visible places.

The requirements for setting up tracks and firebreaks and requirements for tracks and firebreaks shall be established by a regulation of the minister responsible for the area.

Likewise, during everyday logging operations, it is controlled that all technical units working in the woods are equipped with operational fire extinguishers. The forest manager undertakes control over the implementation of these rules, training for the requirements is provided. ✓

7. Identification and protection of rare, threatened and endangered species

The existing inventory data is used as the basis for identifying rare, threatened and endangered species; in accordance with national legislation, inventory data is updated at least every 20 years, as well as with the acquisition of a new forest property, if necessary. Similarly, in order to ensure the protection of rare, threatened and endangered species, the Forest manager shall, before commencement of economic activity, take field visits.

The protection of identified rare, threatened and endangered species and habitats is based on the principles of high value forest management that are developed in accordance with the legislation and Certification Standards.

8. Annexes

Annex 1 List of binding international agreements and laws and regulations

Annex 2 List of binding documents used for the management planning of Ingka internal and other forests

Annex 3 List of interested parties

Annex 4 List of endangered species

Annex 1, List of binding international agreements, laws, regulations and ILO

Järgnevas nimekirjas on välja toodud peamised metsandust reguleerivad seaduslikud õigusaktid. Täielik ajakohastatud nimekiri kõigist metsandusega seotud õigusaktidest on saadaval Keskkonnaministeeriumi kodulehel (<http://www.envir.ee/et/metsanduse-oigusaktid>). Kõik õigusaktid on avaldatud Riigiteatajas ning tasuta alla laaditavad aadressil www.riigiteataja.ee.

- Metsaseadus
- Metsa majandamise eeskiri
- Metsa korraldamise juhend
- Metsateatise vorm ja esitamise kord
- Õigusvastaselt võõrandatud maal hooldusraie tegemise ja piirisihtide raiumise korra kinnitamine muutmine
- Tee omanikule erakorralise veo või sõiduga tekitatud kulutuste hüvitamise ja eritasu määrad ning erilubade väljaandmise kord
- Suuremõotmelise ja/või raskekaalulise autoveo eeskiri
- Riigimetsas kasvava metsa raieõiguse ja metsamaterjali müügi kord
- Metsakorraldaja katsetöödele ja eksamitele esitatavad nõuded, katsetööde ja eksamite korraldamise ja tulemuste hindamise kord ning ekspertkomisjoni moodustamine ja töökord
- Metsamaterjali veoeeskiri, metsamaterjali üleandmise-vastuvõtmise akti, müüdud või ostetud raieõiguse või metsamaterjali kohta Maksu- ja Tolliametile esitatava teatise ja veoselehe vorm
- Metsakorraldustööde tehniliste vahendite kohta esitatavad nõuded
- Eestis metsa kultiveerimisel kasutada lubatud kultiveerimismaterjali algmaterjali päritolupiirkonnad
- Metsa uuendamisel kasutada lubatud võõrpuuliikide loetelu
- Puidu mõõtmise ja mahu määramise meetodid, mõõtmistäpsusele ning mõõtmistulemuste dokumenteerimisele esitatavad nõuded
- Vääriselupaiga klassifikaator, valiku juhend, kaitse korraldamine ning vääriselupaiga kaitseks lepingu sõlmimine ja kasutusõiguse tasu arvutamise täpsustatud alused

- Suure, keskmise ja väikese metsade tuleohuga maakondade jaotus
- Metsatee seisundi kohta esitatavad nõuded
- Metsa hindamise metoodiline juhend
- Jahiseadus
- Muinsuskaitseadus
- Maaparandusseadus
- Teeseadus
- Keskkonnaseadustiku üldosa seadus
- Töötervishoiu ja tööohutuse seadus
- Töölepinguseadus
- Võlaõigusseadus
- Asjaõigusseadus
- Tulumaksuseadus
- Maksukorralduse seadus
- Looduskaitseadus

Eesti poolt ratifitseeritud või sõlmitud keskkonnavalaste konventsioonide, lepingute ja ILO konventsioonide nimekiri

<i>Nr</i>	<i>Pealkiri</i>	<i>Vastu võetud</i>	<i>Ratifitseeritud</i>
K 2	Tööpuudusest	1919	1922
K 5	Minimaalsest vanusest tööstuses töötamisel	1919	1922
K 6	Alaealiste öötööst tööstuses	1919	1922
K 7	Minimaalsest vanusest merel töötamisel	1920	1922
K 8	Laevaõnnetuse korral tööpuuduse eest makstava hüvituse kohta	1920	1923
K 9	Meremeestele töö muretsemise vahetalituse kohta	1921	1923
K 10	Minimaalsest vanusest põllumajanduses töötamisel	1921	1922
K 11	Ühinemise õigusest põllumajanduses	1921	1922
K 12	Õnnetusjuhtumite tagajärgede korvamisest põllumajanduses	1921	1922
K 13	Tinavalge kasutamisest maalritöödel	1921	1922
K 14	Iganädalasest puhkusest tööstuses	1921	1923
K 15	Minimaalsest vanusest töötamisel laevanduses kivisöelaadijana ja kütjana	1921	1922
K 16	Alaealiste meditsiinilisest teenindamisest laevadel	1921	1922
K 19	Võrdsetest õigustest õnnetusjuhtumite tagajärgede hüvitamisel	1925	1930
K 20	Öötööst pagaritööstuses	1925	1929
K 22	Meremeeste töölepingutest	1926	1929
K 23	Meremeeste repatrieerimisest	1926	1929

K 27	Laevadel veetava lasti kaalu kohta	1929	1932
K 29	Sunniviisilise või kohustusliku töö konventsioon	1930	1995
K 41	Naiste öötööst	1934	1935
K 45	Naiste tööjõu kasutamisest allmaatöödel	1925	1937
K 53	Kaubalaevade juhtkonna kvalifikatsioonitunnistusest	1936	1938
K 87	Ühinemisvabaduse ja organiseerumisõiguse kaitse konventsioon	1948	1993
K 98	Organiseerumisõiguse ja kollektiivse läbirääkimisõiguse kaitse konventsioon	1949	1993
K 100	Mees- ja naistöötajate võrdse tasustamise kohta võrdväärse töö eest	1951	1996
K 105	Sunniviisilise töö kaotamise konventsioon	1957	1995
K 108	Meremeeste riiklike isikut tõendavate dokumentide kohta	1958	1996
K122	Tööhõivepoliitika kohta	1964	2002
K 135	Töötajate esindajatele ettevõttes võimaldatava kaitse ja soodustuste konventsioon	1971	1995
K144	Rahvusvaheliste tööstandardite täitmist edendavate kolmepoolsete konsultatsioonide konventsioon	1976	1993
K 174	Tööstuslike suurõnnetuste ärahoidmise kohta	1993	2000
K 182	Lapsele sobimatu töö ja muu talle sobimatu tegevuse viivitamatu keelustamise konventsioon	1999	2001

Annex 2, List of intercompany documents

Document number	Name of document
1	Forest Management Plan
2	Ingka Investments forest management guidelines and environmental pollution reduction requirements
3	HCV monitoring plan
4	Juhised töövõtjale
5	Valgustusraie tööjuhised
6	Ingka Baltic Conflict Resolution Procedure
7	Forest standard operating procedures

8	Ümarpuidusortimendid ja optimaalne järkamine
9	ToE
10	Ingka Baltic sales strategy FY21
11	Andmesisestuse reeglid FIS-is
12	Töökorralduse reeglid

Annex 3, List of interested parties

Service providers		
Name	Reg. Code	E-mail
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Ministry of Defence	info@kaitseministeerium.ee
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MORTEC OÜ		ivo@valgejauiga.ee
DAMMIX METS OÜ		info@dmmets.ee
OÜ Metsakohin		sepp@metsakohin.ee
STARFOREST OÜ		info@starforest.ee
Graanul Invest OÜ		info@graanulinvest.com
Stora Enso Eesti AS		andres.reial@storaenso.com
Estonian Cell AS		info@estoniacell.ee
TÜ Eesti Puidumüügikeskus		ainar@timbertrade.ee
Valmos OÜ		info@valmos.ee
BillerudKorsnäs Estonia OÜ		valter.anderson@billerudkorsnas.com
Other		
Estonian Naturetourism Union		thea.perm@gmail.com
Estonian Travel Association		ingrid@matkaliit.ee
Estonian Forest Aid		abi@eestimetsaabiks.ee
Estonian Ornithological Society		eoy@eoy.ee
FSC representative, Aidas Pivoriunas		a.pivoriunas@lt.fsc.org
Local municipalities		
HARJUMAA		
Anija Vallavalitsus		anija@anija.ee
Harku Vallavalitsus		harku@harku.ee
Jõelähtme Vallavalitsus		kantselei@joelahtme.ee
Keila Linnavalitsus		klv@keila.ee

Kiili Vallavalitsus		info@kiilivald.ee
Kose Vallavalitsus		vald@kose.ee
Kuusalu Vallavalitsus		vallavalitsus@kuusalu.ee
Loksa Linnavalitsus		linn@loksa.ee
Lääne-Harju Vallavalitsus		info@laaneharju.ee
Maardu Linnavalitsus		linnavalitsus@maardu.ee
Raasiku Vallavalitsus		raasiku.vald@raasiku.ee
Rae Vallavalitsus		info@rae.ee
Saku Vallavalitsus		saku@sakuvald.ee
Saue Vallavalitsus		info@sauevald.ee
Tallinna Linnavalitsus		lvpost@tallinnlv.ee
Viimsi Vallavalitsus		info@viimsivv.ee
HIIUMAA		
Hiiumaa Vallavalitsus		valitsus@hiiumaa.ee
IDA-VIRUMAA		
Alutaguse Vallavalitsus		info@alutagusevald.ee
Jõhvi Vallavalitsus		johvi@johvi.ee
Kohtla-Järve Linnavalitsus		linnavalitsus@kjl.v.ee
Lüganuse Vallavalitsus		valitsus@lyganuse.ee
Narva Linnavalitsus		narvalv@narva.ee
Narva-Jõesuu Linnavalitsus		info@narva-joesuu.ee
Sillamäe Linnavalitsus		linnavalitsus@sillamae.ee
Toila Vallavalitsus		toilavv@toila.ee
JÕGEVAMAA		

Jõgeva Vallavalitsus		info@jogeva.ee
Mustvee Vallavalitsus		info@mustvee.ee
Põltsamaa Vallavalitsus		info@poltsamaa.ee
JÄRVAMAA		
Järva Vallavalitsus		info@jarva.ee
Paide Linnavalitsus		paide@paide.ee
Türi Vallavalitsus		vallavalitsus@tyri.ee
LÄÄNEMAA		
Haapsalu Linnavalitsus		hlv@haapsalulv.ee
Lääne-Nigula Vallavalitsus		vv@laanenigula.ee
Vormsi Vallavalitsus		vv@vormsi.ee
LÄÄNE-VIRUMAA		
Haljala Vallavalitsus		haljala@haljala.ee
Kadrina Vallavalitsus		kadrina@kadrina.ee
Rakvere Linnavalitsus		linnavalitsus@rakvere.ee
Rakvere Vallavalitsus		vallavalitsus@rakverevald.ee
Tapa Vallavalitsus		vallavalitsus@tapa.ee
Vinni Vallavalitsus		vallavalitsus@vinnivald.ee
Viru-Nigula Vallavalitsus		vallavalitsus@viru-nigula.ee
Väike-Maarja Vallavalitsus		valitsus@v-maarja.ee
PÕLVAMAA		
Kanepi Vallavalitsus		vald@kanepi.ee
Põlva Vallavalitsus		info@polva.ee
Räpina Vallavalitsus		vald@rapina.ee

PÄRNUMAA		
Häädemeeste Vallavalitsus		karel.tolp@tahkuranna.ee
Kihnu Vallavalitsus		info@kihnu.ee
Lääneranna Vallavalitsus		vallavalitsus@laaneranna.ee
Põhja-Pärnumaa Vallavalitsus		vald@pparnumaa.ee
Pärnu Linnavalitsus		linnaavalitsus@lv.parnu.ee
Saarde Vallavalitsus		info@saarde.ee
Tori Vallavalitsus		tori@torivald.ee
RAPLAMA		
Kehtna Vallavalitsus		kehtna@kehtna.ee
Kohila Vallavalitsus		vallavalitsus@kohila.ee
Märjamaa Vallavalitsus		marjamaa@marjamaa.ee
Rapla Vallavalitsus		rapla@rapla.ee
SAAREMAA		
Muhu Vallavalitsus		vald@muhu.ee
Ruhnu Vallavalitsus		ruhnu@ruhnu.ee
Saaremaa Vallavalitsus		vald@saaremaavald.ee
TARTUMAA		
Elva Vallavalitsus		elva@elva.ee
Kambja Vallavalitsus		vald@ylenurme.ee
Kastre Vallavalitsus		vald@kastre.ee
Luunja Vallavalitsus		luunjavv@luunja.ee
Nõo Vallavalitsus		vald@nvv.ee
Peipsiääre Vallavalitsus		vald@peipsivald.ee

Tartu Linnavalitsus		lpmko@raad.tartu.ee
Tartu Vallavalitsus		tartuvald@tartuvald.ee
VALGAMAA		
Otepää Vallavalitsus		vald@otepaa.ee
Tõrva Vallavalitsus		torva@torva.ee
Valga Vallavalitsus		valga@valga.ee
VILJANDIMAA		
Mulgi Vallavalitsus		mulgi@mulgivald.ee
Põhja-Sakala Vallavalitsus		info@pohja-sakala.ee
Viljandi Linnavalitsus		viljandi@viljandi.ee
Viljandi Vallavalitsus		viljandivald@viljandivald.ee
VÕRUMAA		
Antsla Vallavalitsus		vald@antsla.ee
Rõuge Vallavalitsus		vald@rauge.ee
Setomaa Vallavalitsus		vald@setomaa.ee
Võru Linnavalitsus		vlv@voru.ee
Võru Vallavalitsus		vald@voruvald.ee

Annex 4, list of endangered species

The database of endangered species can be found in following websites:

1. <https://www.riigiteataja.ee/akt/118062014020?leiaKehtiv>
2. <https://www.riigiteataja.ee/akt/104072014022?leiaKehtiv>