

RMK YEAR 2020



10 FACTS ABOUT RMK

45%

of Estonia's forests are maintained by RMK.

30%

of RMK's forests are strictly protected.

30

offices are maintained by RMK across Estonia. Its headquarters is located in Sagadi.

6500

people were employed in RMK's forests during the year. Of those, 695 are full-time employees at RMK, with the rest employed by partner companies or working as seasonal workers.

6

important tasks performed by RMK are growing forests, preserving natural values, carrying out nature protection works, earning a profit for the state through the management of the forest, offering opportunities for moving around in nature, and promoting awareness of nature.

23

million forest plants were planted in RMK's forest

2.9

million visits were made to RMK's recreational and protected areas.

1%

of RMK's forest land is clear-cut each year. All clear-cut areas are reforested.

0 €

is the cost of everyman's right – camping along RMK's trails, spending the night in forest cabins, or sleeping in a tent within recreation areas.

4

certificates prove that RMK adheres to high standards in its activities. These are the sustainable forestry certificates FSC® (FSC-C022757) and PEFC, and the environmental and quality management certificates ISO 14001 and ISO 9001.

ABOUT 45% OF ESTONIA'S FORESTS
ARE MAINTAINED BY RMK



ABOUT THE ORGANISATION



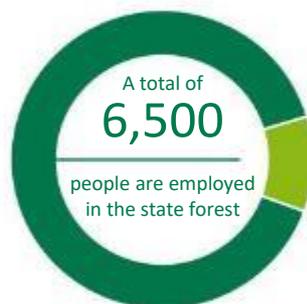
State land managed by RMK	1,426,713 ha
... of which forest land	1,041,058 ha
Full-time employees	695
Turnover	EUR 187.5 million
Operating profit	EUR 82.4 million
Dividends and income tax paid into state budget	EUR 80.7 million
Land tax	EUR 4.7 million

ABOUT THE ORGANISATION



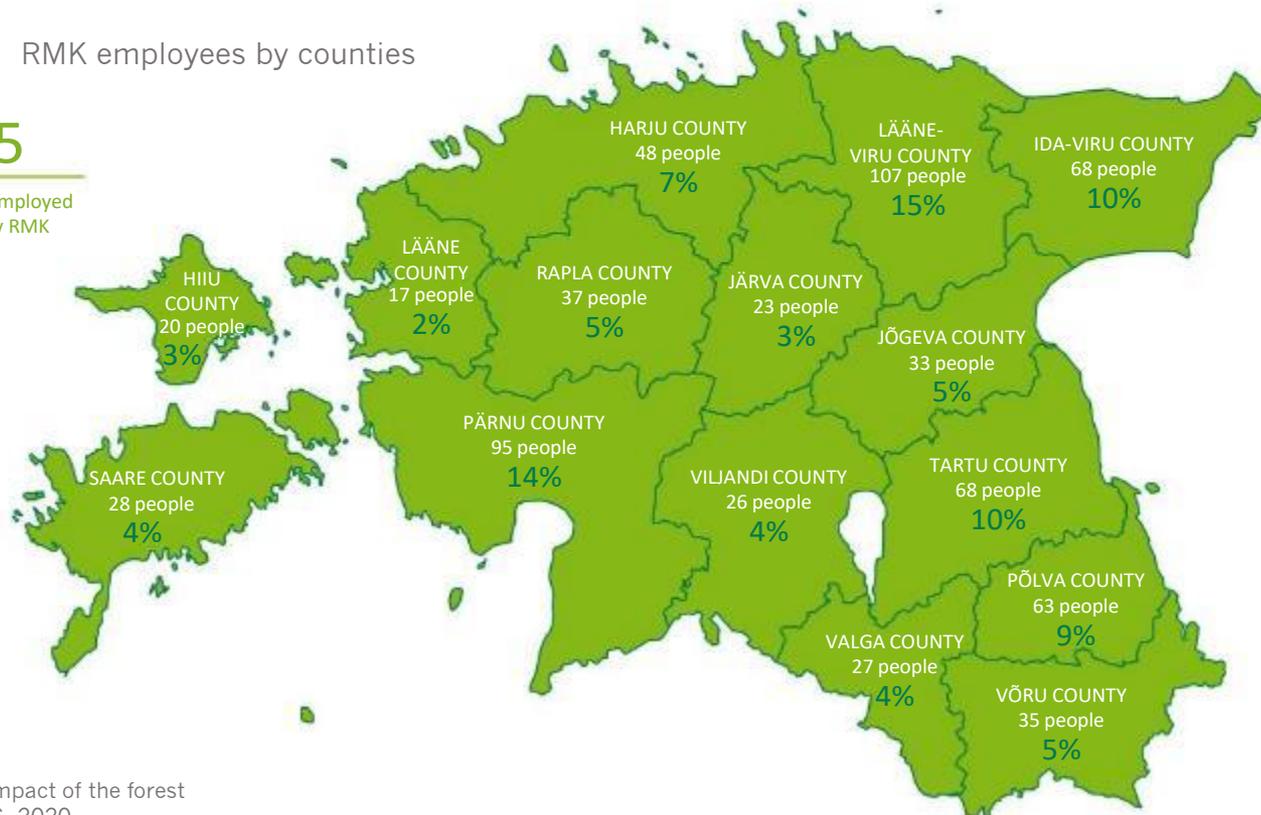
STAFF

The RMK Development Plan 2015–2020 formulated as an objective to remain among the ten most valued Estonian employers and to pay competitive salary to all of its employees.



695 of them are employed full-time by RMK

RMK employees by counties



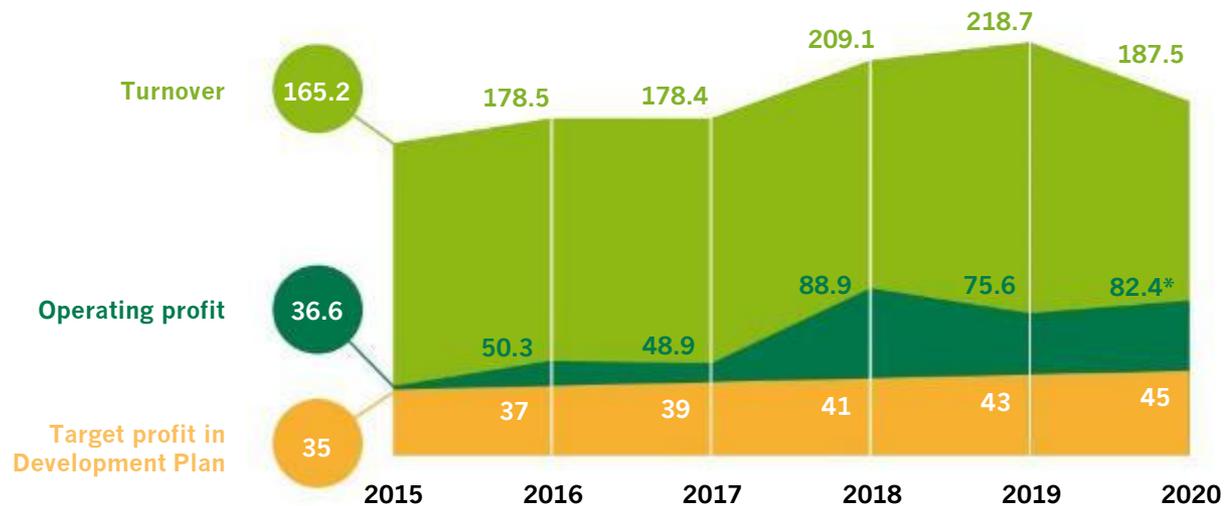
The forestry and the timber industry provide jobs for **28,000** people in Estonia.

Considering indirect and incidental impact, the forest pays the bills of **59,000** people in Estonia.

* Source: Analysis of the socio-economic impact of the forest and timber sector, Ernst & Young Baltic AS, 2020

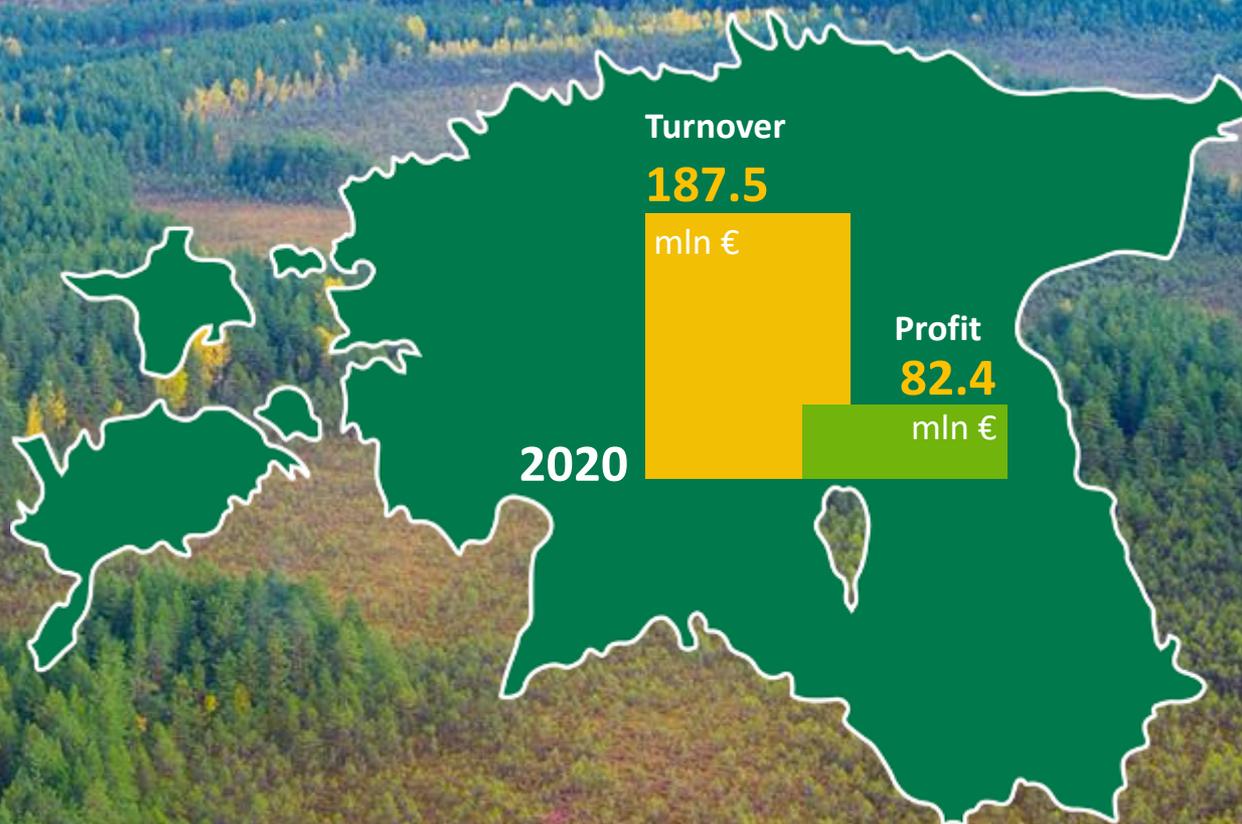
CONTRIBUTION TO THE ECONOMY

The profit targets of the RMK Development Plan 2015–2020 were met with a good margin. While initially, it was planned to earn 240 million euros in profit over six years, the overall result was by 100 million euros more, plus the sales proceeds of the Tootsi wind farm registered immovable.



* Includes the sales proceeds of 42.9 million euros of the Tootsi windpark registered immovable

RMK IS A PROFITMAKING STATE AGENCY – ONE OF A KIND



FOREST MANAGEMENT

A man in a brown sweater is operating a green forestry machine in a snowy forest. The machine has a large yellow hose and a control panel. The background shows snow-covered trees and a clear sky.

State forest surplus 195 million m³

Renewed forest area 11,800 ha

New forest plants 23 million

Cleaning 43,300 ha

Thinning 8,300 ha

Regeneration cutting 11,400 ha

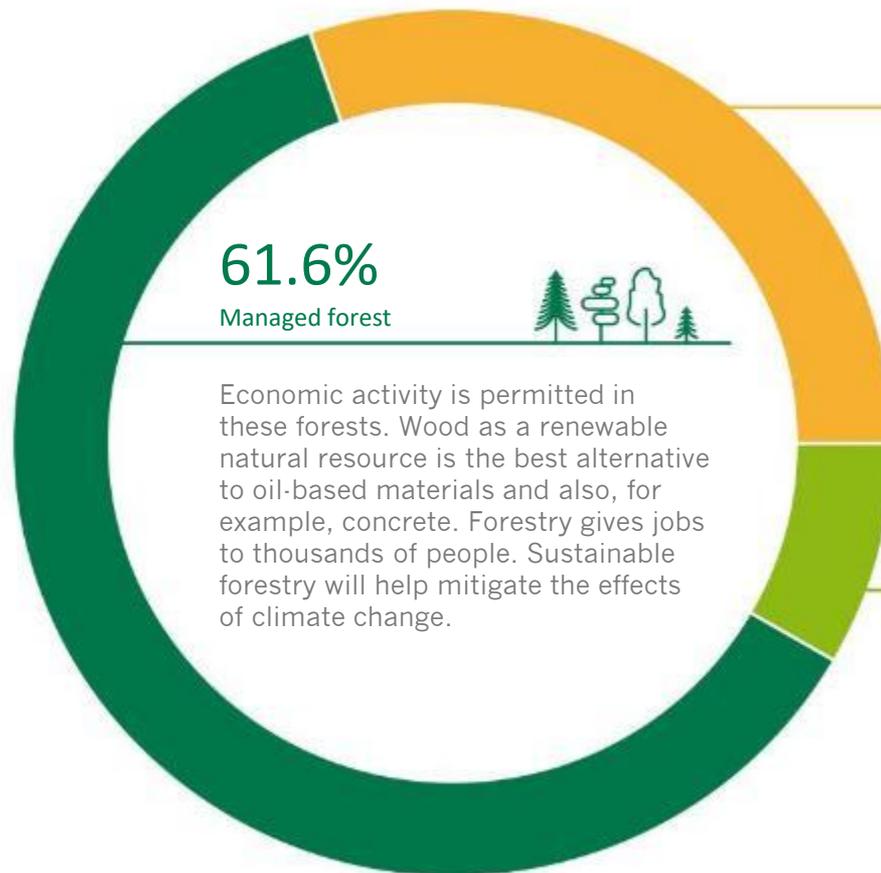
Timber sold 4 million m³

Revenue from the sale of timber 184.2 million

FOREST MANAGEMENT



OVERVIEW OF FORESTS



61.6%

Managed forest

Economic activity is permitted in these forests. Wood as a renewable natural resource is the best alternative to oil-based materials and also, for example, concrete. Forestry gives jobs to thousands of people. Sustainable forestry will help mitigate the effects of climate change.

30.2%

Strictly protected forest

RMK does not manage forests in these areas, but activities may be necessary for conservation purposes. Nature reserves, dedicated protection zones for permanent habitats and protected areas, precious habitats and Natura 2000 habitats overlapping with restricted zones and storage areas are under strict protection.

8.2%

Forest with economic limitations

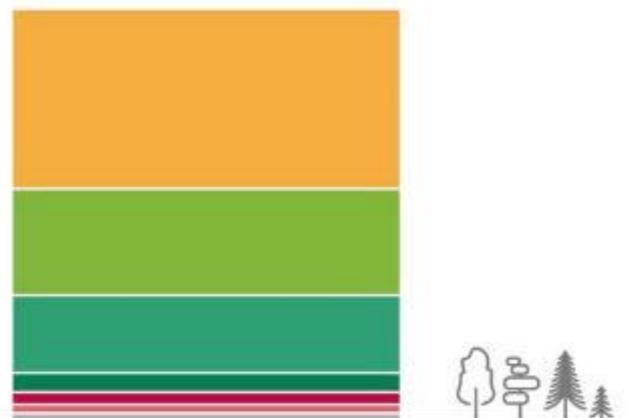
Economic activity is permitted in these forests, but additional restrictions apply. Such areas include for example restricted zones and preserves outside the Natura habitat.

OVERVIEW OF FORESTS

RMK forest surplus by main tree species

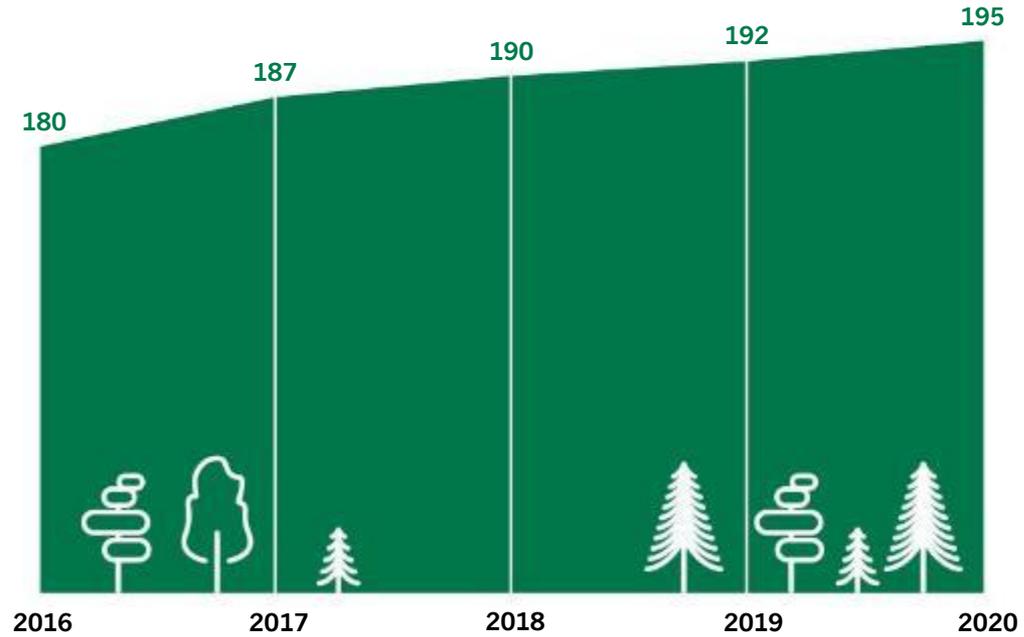


	Surplus m ³	m ³ /ha	%
Pine stands	88,526,000	208	45.5
Birch stands	51,681,000	166	26.6
Spruce stands	37,384,000	173	19.2
Aspen stands	8,329,000	203	4.3
Black Alder stands	4,650,000	203	2.4
Grey Alder stands	3,023,000	159	1.6
Others	960,000	177	0.5



OVERVIEW OF FORESTS

RMK forest surplus (million m³)

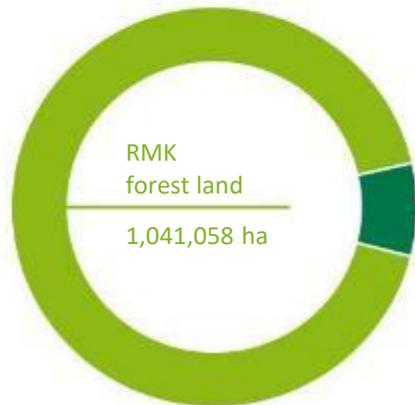


FORESTRY WORKS

Cutting (ha)	2016	2017	2018	2019	2020
Regeneration cutting	11,920	10,866	11,227	11,394	11,383
... of which clear cutting	11,799	10,797	11,083	11,195	11,226
... of which shelterwood cutting	120	69	144	199	157
Thinning	9,079	9,944	8,478	8,812	8,319
Sanitary cutting	6,017	3,980	3,906	7,810	12,043
Deforestation	869	725	1,605	1,335	2,027
Design cutting	332	149	72	245	730

* The area of deforestation also includes the roads and trenches of RMK which were cleaned of the trees and brushwood that had grown there. Out of the deforestation performed in 2020 (on 2,027 hectares), the maintenance works of the land improvement systems amounted to 1,580 hectares.

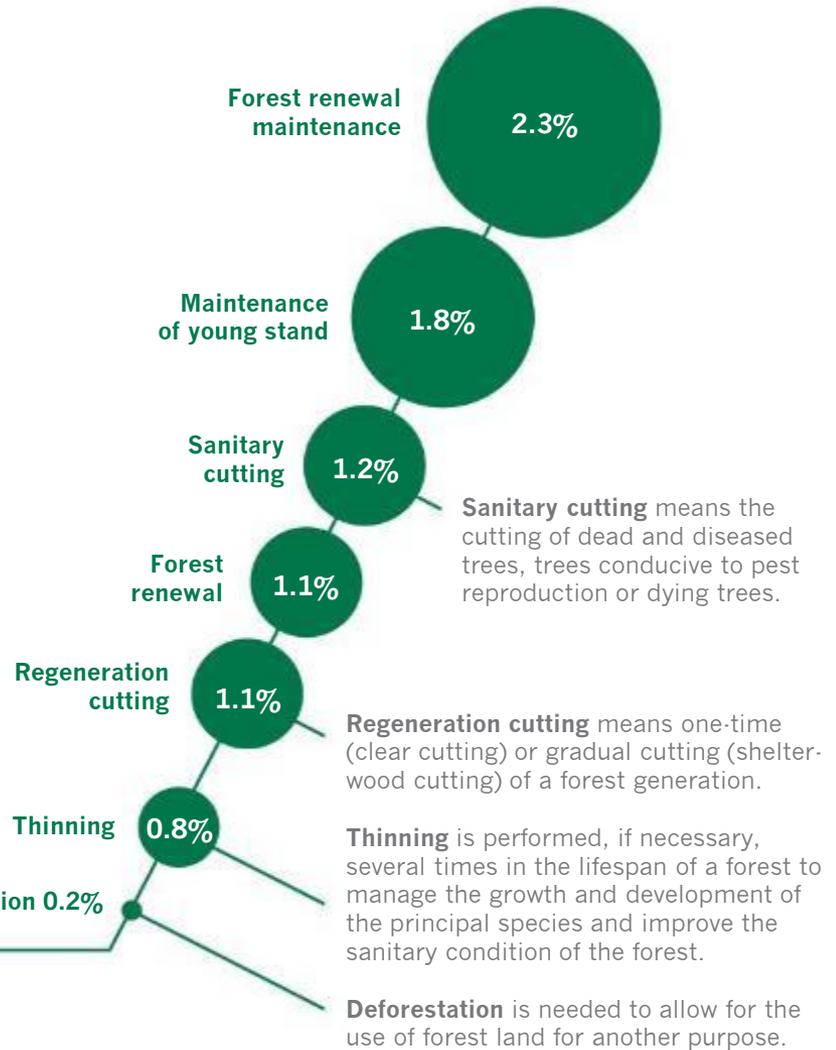
FORESTRY WORKS



8.5%

Deforestation 0.2%

RMK area of forestry works



FOREST RENEWAL

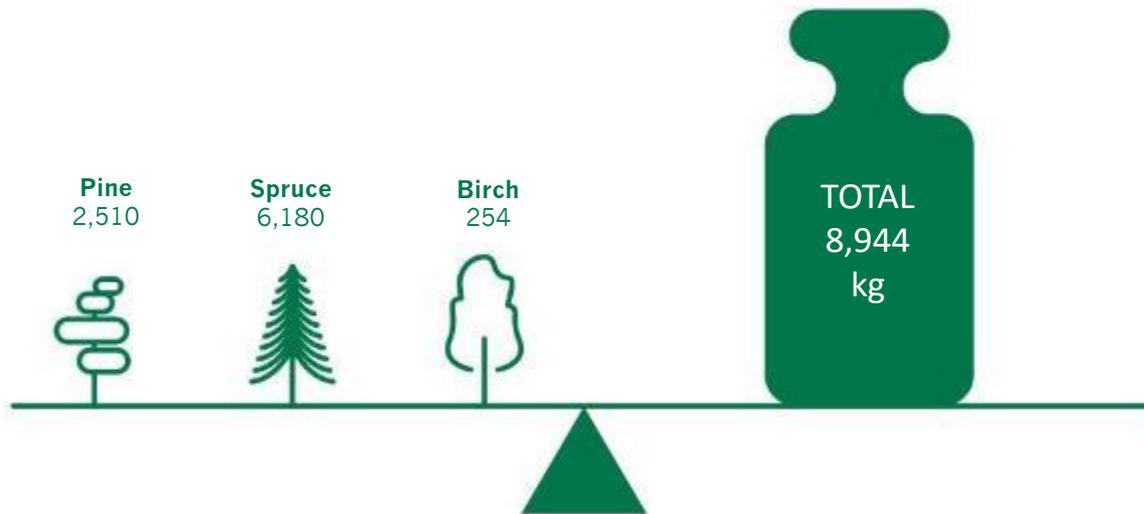
Forest renewal	2016	2017	2018	2019	2020
Mineralization of the land for planting (ha)	6 403	7 918	7 924	8 358	8 812
Mineralization of the land to aid natural renewal (ha)	1 419	1 686	1 604	1 867	575
Forest sowing (ha)	272	311	355	207	173
Forest planting (ha)	6 443	7 140	7 177	7 477	8 353
Aiding natural renewal with planting or sowing (ha)	261	434	705	856	618
Leaving for natural renewal (ha)	1 455	2 021	1 680	1 662	2 037
Contribution to the forest renewal (ha)	3 597	2 940	2 959	3 890	3 250
Plants planted (million)	20,2	21,2	21,3	22,1	23
... out of which pot plants (%)	42	52	52	52	51

PLANT CULTIVATION

Growing forestry plants (million)	2016	2017	2018	2019	2020
Pine	11.8	10.8	10.2	10.6	10.6
Spruce	9.1	10.7	9.6	9.2	10.5
Birch	1.9	1.2	1.6	2.4	2.7
Other (black alder, oak)			0.1	0.1	0.1
TOTAL	22.8	22.7	21.5	22.3	23.9

PLANT CULTIVATION

Estonian seed surplus (kg)



FOREST IMPROVEMENT

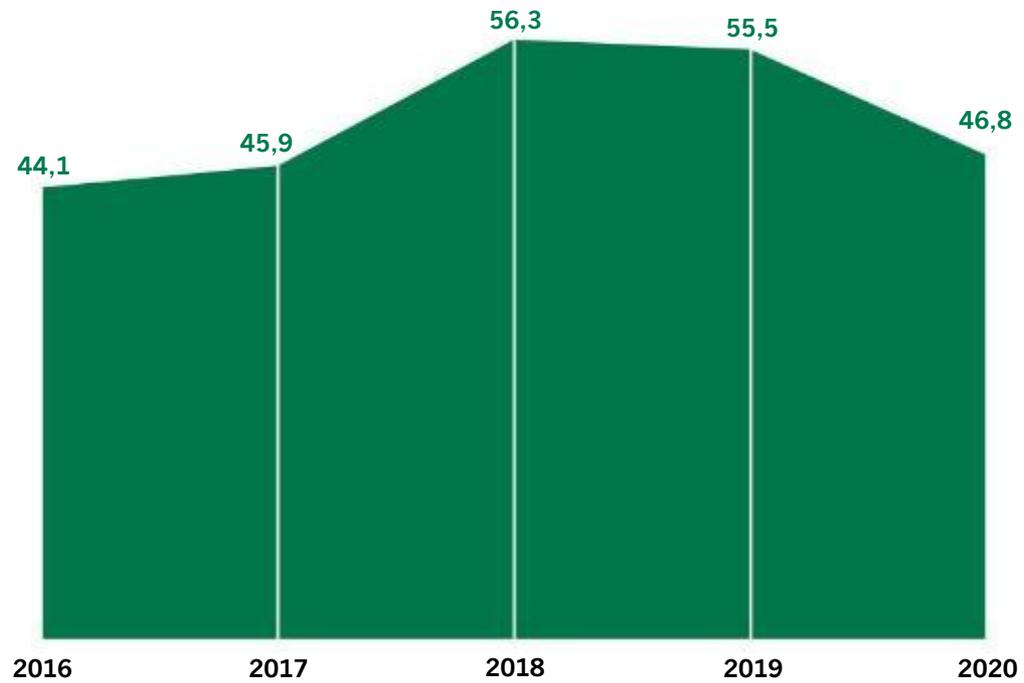
Forest improvement indicators	2016	2017	2018	2019	2020
Forest roads built, reconstructed and renewed (km)	361	348	316	328	221
Reconstructed and renewed drainage systems (ha)	13 200	22 600	25 700	19 600	18 700
Investment into forest roads and drainage systems (million euros)	23.5	23	23.5	25.9	21.1

TIMBER MARKETING

Sale of timber (m ³)	2016	2017	2018	2019	2020
Logs	1 819 000	1 798 000	1 795 000	1 845 000	1 845 000
	46%	48%	49%	47%	46%
Pulpwood	1 352 000	1 213 000	1 200 000	1 285 000	1 259 000
	34%	32%	32%	33%	32%
Firewood	602 000	579 000	565 000	611 000	644 000
	15%	15%	15%	15%	16%
Wood chips and residuals	183 000	205 000	150 000	189 000	255 000
	5%	5%	4%	5%	6%
TOTAL	3 956 000	3 795 000	3 710 000	3 930 000	4 003 000

TIMBER MARKETING

Average price of the sold timber (EUR/m³)



WASTE COLLECTION

Waste collection in RMK forests	2016	2017	2018	2019	2020
Amount (kg)	247 000	281 800	290 200	250 000	250 000
Expenses (EUR)	53 000	92 000	100 000	98 000	120 000

FOREST FIRES

Forest fires in RMK forests	2016	2017	2018	2019	2020
Number (pcs)	9	1	45	8	5
Area (ha)	97	4	269	39	11
Average fire (ha)	11	4	6	5	2

HUNTING

Hunting in RMK land	2016	2017	2018	2019	2020
RMK average price for using hunting land (EUR/ha)	2,9	3,8	2,3	3,4	2,1
AvIncome from hunting (EUR)	246 000	250 000	178 000	207 000	152 000

NATURE PROTECTION

Protected species	495
Sites with protected species	40,777
Total area of key biotypes	25,787 ha
Semi-natural biotic communities, rented	24,513 ha
Cost of nature protection works	EUR 4.9 million

NATURE PROTECTION



PROTECTED AREAS

Protected areas in RMK forests (ha)

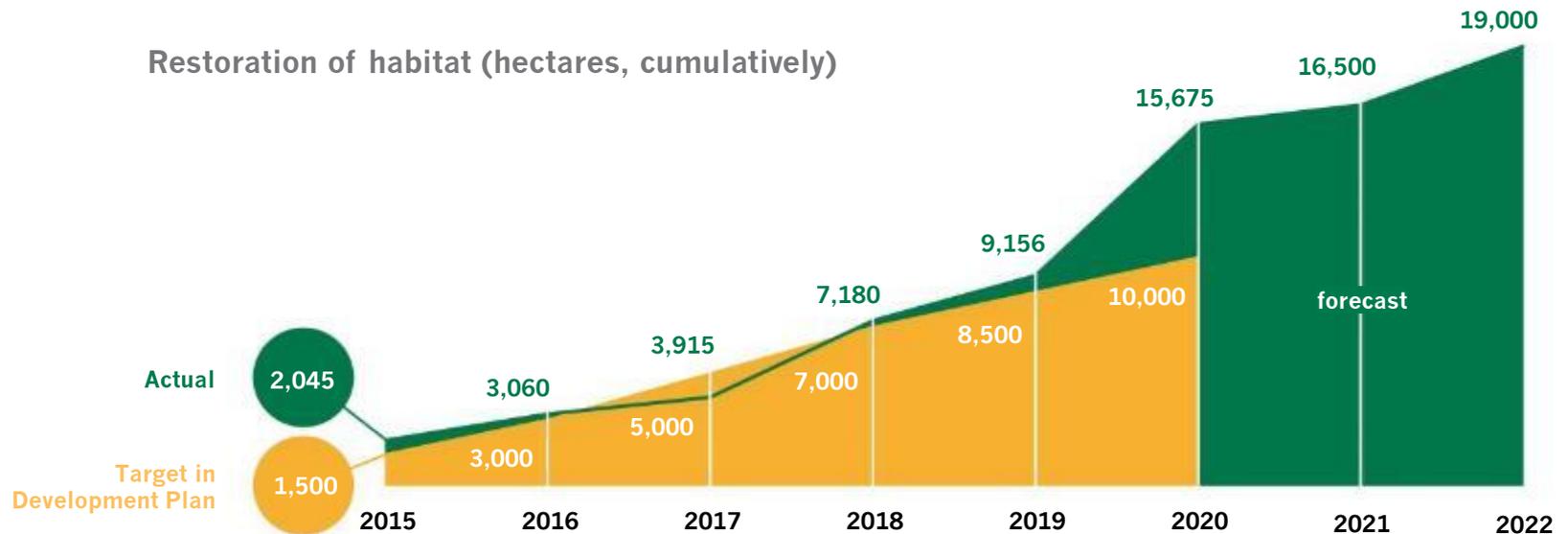
Special mgmt. zone of the protected area	199,151
Limited mgmt. zone of the protected area	70,246
Limited mgmt. zone of Species protection site	29,656
Special mgmt. zone of Species protection site	24,787
Special conservation area	19,004
Strict nature reserve of a protected area	562
Protected area without protection rules	3,316
Single object in nature	124

NATURE PROTECTION WORKS

The RMK Development Plan aimed to restore endangered or low-quality habitats on 10,000 hectares by the year of 2020.



Restoration of habitat (hectares, cumulatively)



NATURE PROTECTION WORKS

Cost of protection works (EUR)	2016	2017	2018	2019	2020
TOTAL	2,730,000	4,050,000	5,580,000	6,640,000	4,910,000
...incl. government grants received (state budget, UCITS)	1,230,000	2,510,000	3,100,000	3,420,000	2,310,000

NATURE PROTECTION WORKS

Habitat restoration works (ha)	2016	2017	2018	2019	2020
Bog community restoration	72	291	2,778	1,422	5,982
Semi-natural community restoration	1,007	388	505	554	522
Other community restoration	69	47	0	0	0
TOTAL	1,148	726	3,283	1,976	6,504

VISITING NATURE AND NATURE AWARENESS

Visits to RMK's recreational areas and protected areas	2.9 million
Visitors at the information desks	67,000
Visitors to Elistvere Animal Park	79,400
Visitors to Sagadi Forest Museum	18,400
Participants in nature education programmes	39,500
Expenditures on visitation infrastructure and promoting nature awareness	EUR 8.4 million

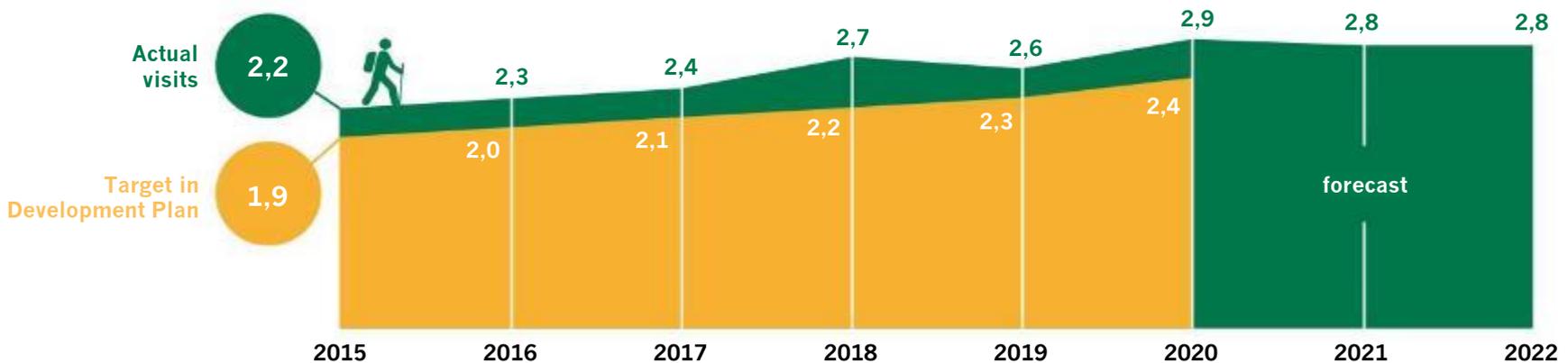
VISITING NATURE AND NATURE AWARENESS



VISITING NATURE

The number of visits to the protection and recreation areas, set as a goal in the RMK Development Plan, **increased notably** and this already before the year of the corona pandemic, which caused special impetus to Estonians to visit the nature.

Visits to RMK's recreational areas and protected areas (million)



VISITING NATURE

The connecting element of RMK's visitation infrastructure is **RMK hiking route** with three branches. The 1800 km long hiking route is divided as follows:

Hiking and recreation facilities established by RMK



3,100 km of nature trails



27 forest cabins



20 forest houses



59 campsites



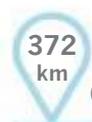
738 fireplaces, including **328** covered fireplaces



3 cross-country areas



Peraküla-Aegviidu-Ähijärve



Oandu-Aegviidu-Ikla



Penijõe-Aegviidu-Kauksi

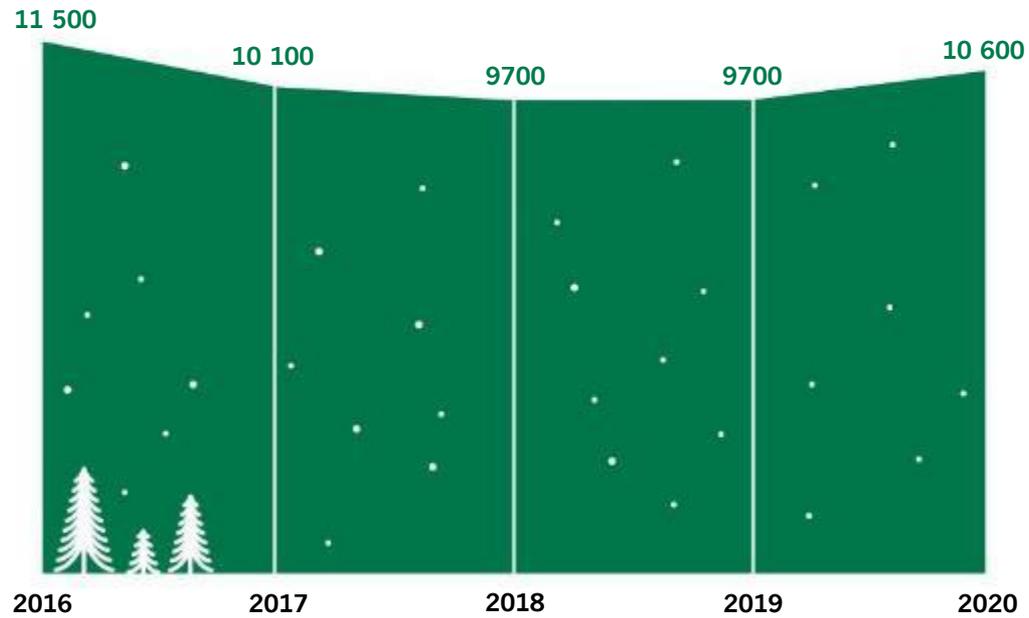


SAGADI FOREST CENTRE

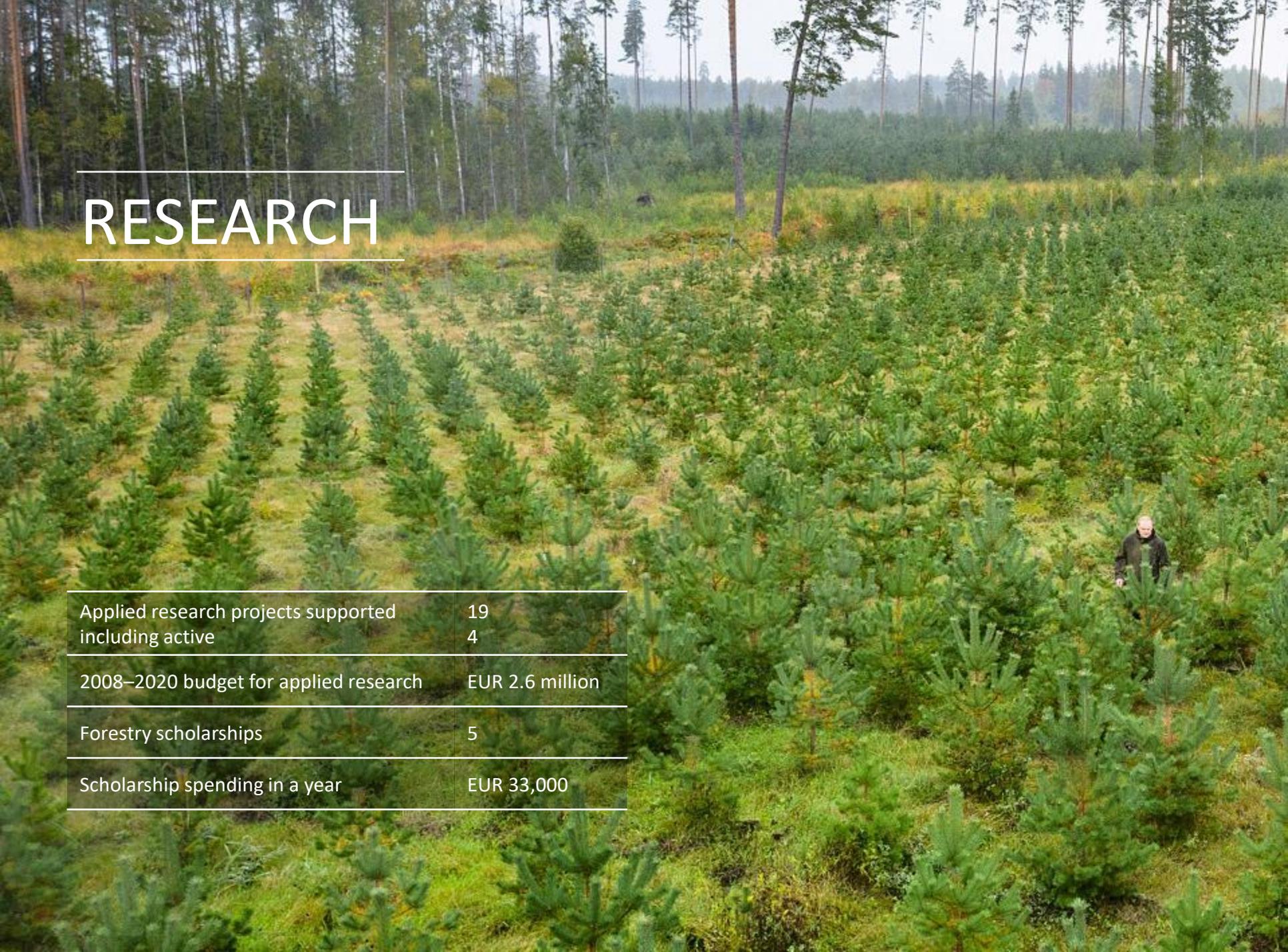
Number of visitors to the Sagadi Forest Centre	2016	2017	2018	2019	2020
Visitors at Forest Museum	32,800	31,400	34,600	41,900	18,400
Accommodation clients	9,100	7,100	8,200	9,700	5,700

CHRISTMAS TREES

Christmas trees from RMK forest



RESEARCH

An aerial photograph of a large-scale pine nursery. The foreground and middle ground are filled with neat, parallel rows of young, vibrant green pine trees. The ground between the rows is a mix of green grass and brownish soil. In the background, a dense forest of taller, mature trees stretches to the horizon under a slightly overcast sky. A single person is visible in the lower right quadrant, standing among the rows of young trees, providing a sense of scale to the vast nursery.

Applied research projects supported including active	19 4
2008–2020 budget for applied research	EUR 2.6 million
Forestry scholarships	5
Scholarship spending in a year	EUR 33,000

THANKS!

