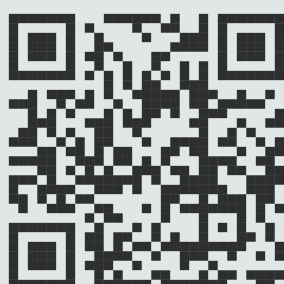
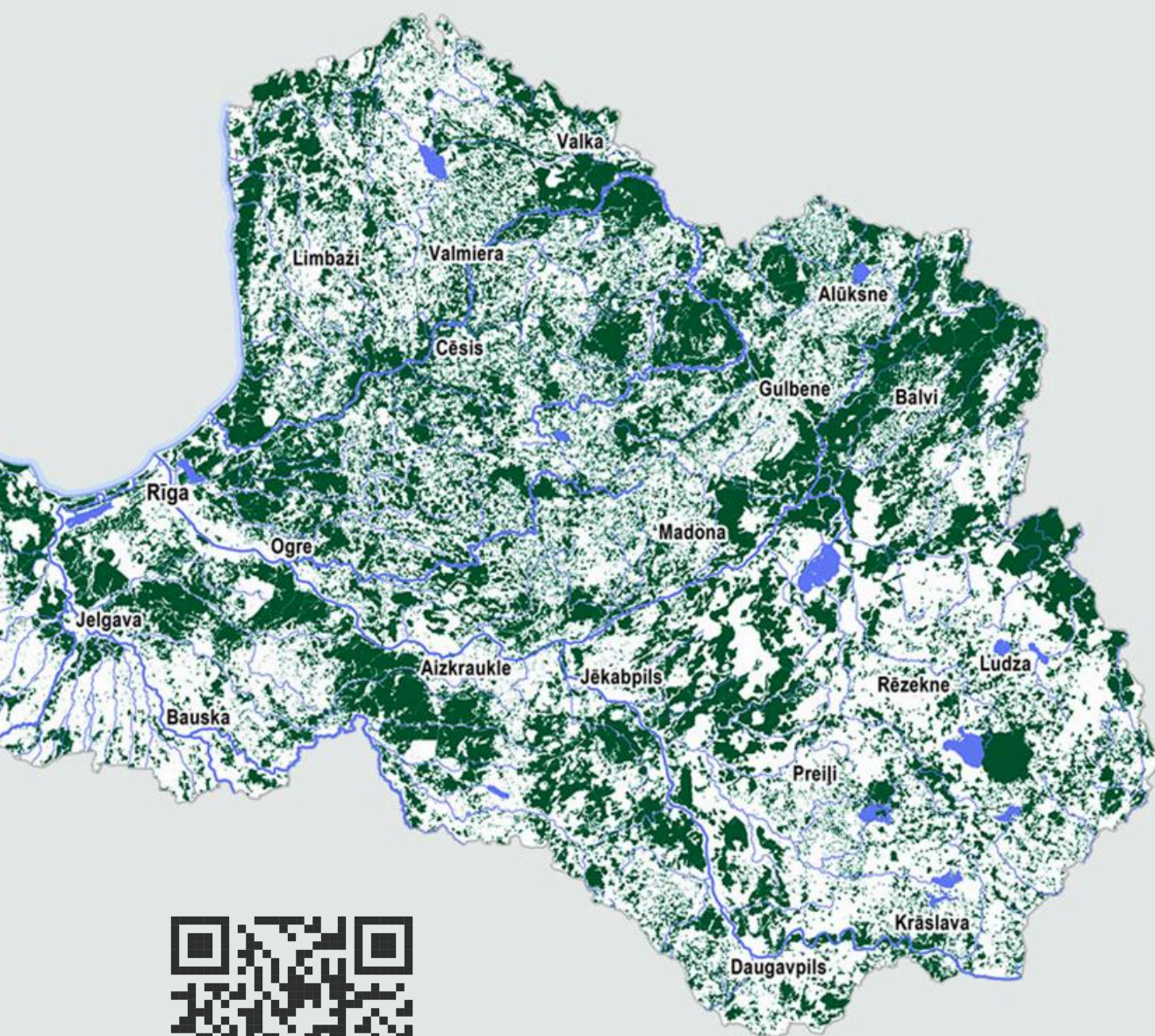


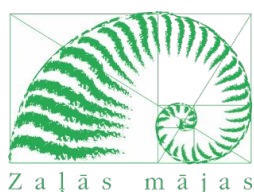
Latvian forest sector in facts & figures 2024



Latvian forest sector in facts & figures

The information is updated by the organization “Zaļās mājas” with the support of the Forest Development Fund.

1. Briefly	2.
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Sustainability

Forests in Latvia take up 3.45 million hectares of land, or 53% of the country's territory. The amount of forestland, moreover, is constantly expanding, both naturally and thanks to afforestation of infertile land and other land that is not used for agriculture. More important, however, is another indicator – the volume of timber in the forest is increasing three times more than the area of forestland. This proves that forestry work in Latvia has been very targeted and sustainable – amount of timber harvested each year in Latvian forests is less than the annual increment.

Wood processing

The forest sector is one of the cornerstones of the national economy at this time. Forestry, wood processing and furniture manufacturing represented 6.4% of GDP in 2023, while exports amounted to EUR 3.3 billion 17% of all exports. There is no parish in Latvia with no larger or smaller wood processing company. Often these are the most important employers in the surrounding area, thus being the main pillar of support for local economies and residents.

Biological diversity

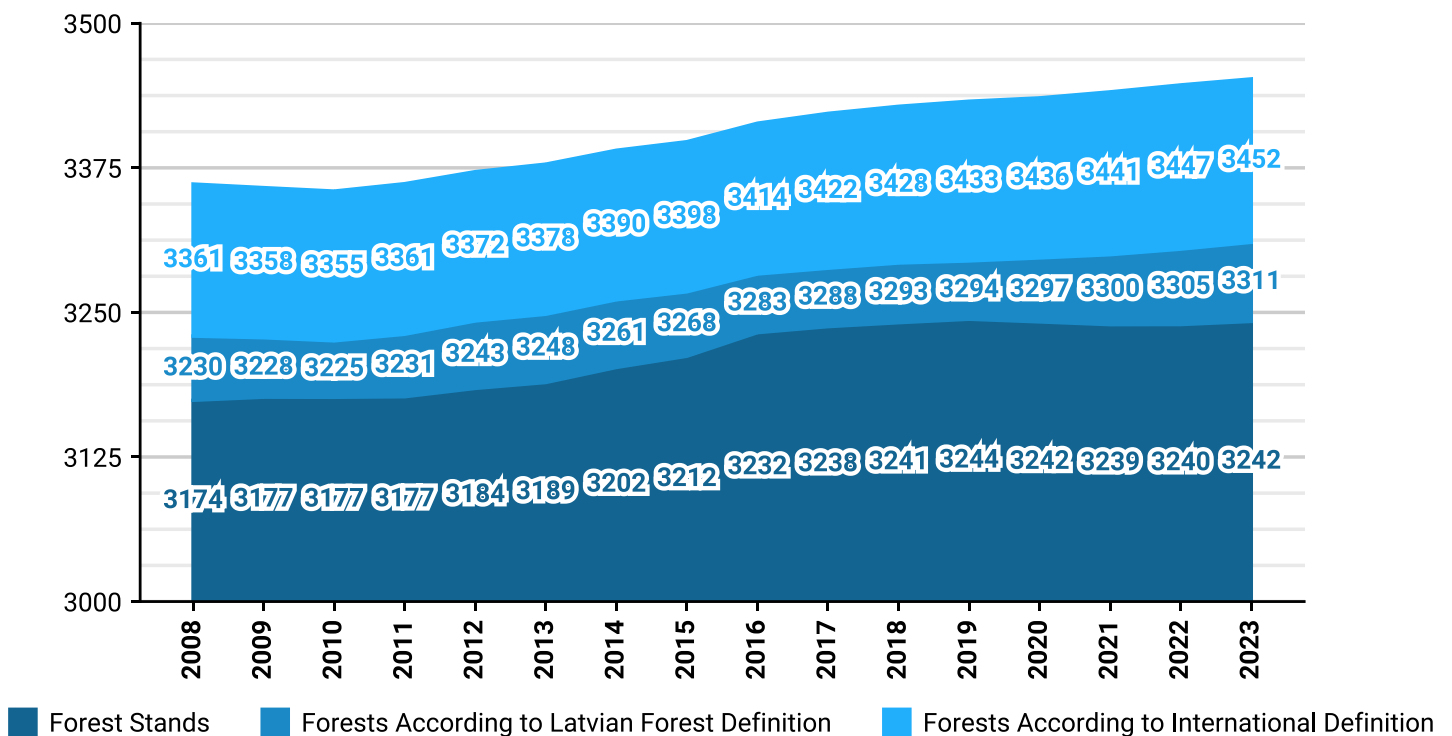
In historical terms, the intensive use of Latvia's forests for economic purposes began comparatively later than in many other European countries, and that has allowed us to preserve extensive biological diversity. Limitations on economic activity apply to 28,2% of Latvia's forests at this time, and most of this territory is owned by the state.

The forest and society

The Latvian state owns around one-half of the country's forests, while most of the rest of the forest belongs to approximately 135,000 private owners. Nearly everywhere, people are free to hike through the forest and to pick mushrooms or berries. The number of places for recreation is increasing every year in Latvia's forests, and the territories in which recreation is one of the main goals of forest management represent 8% of all forestland in Latvia.

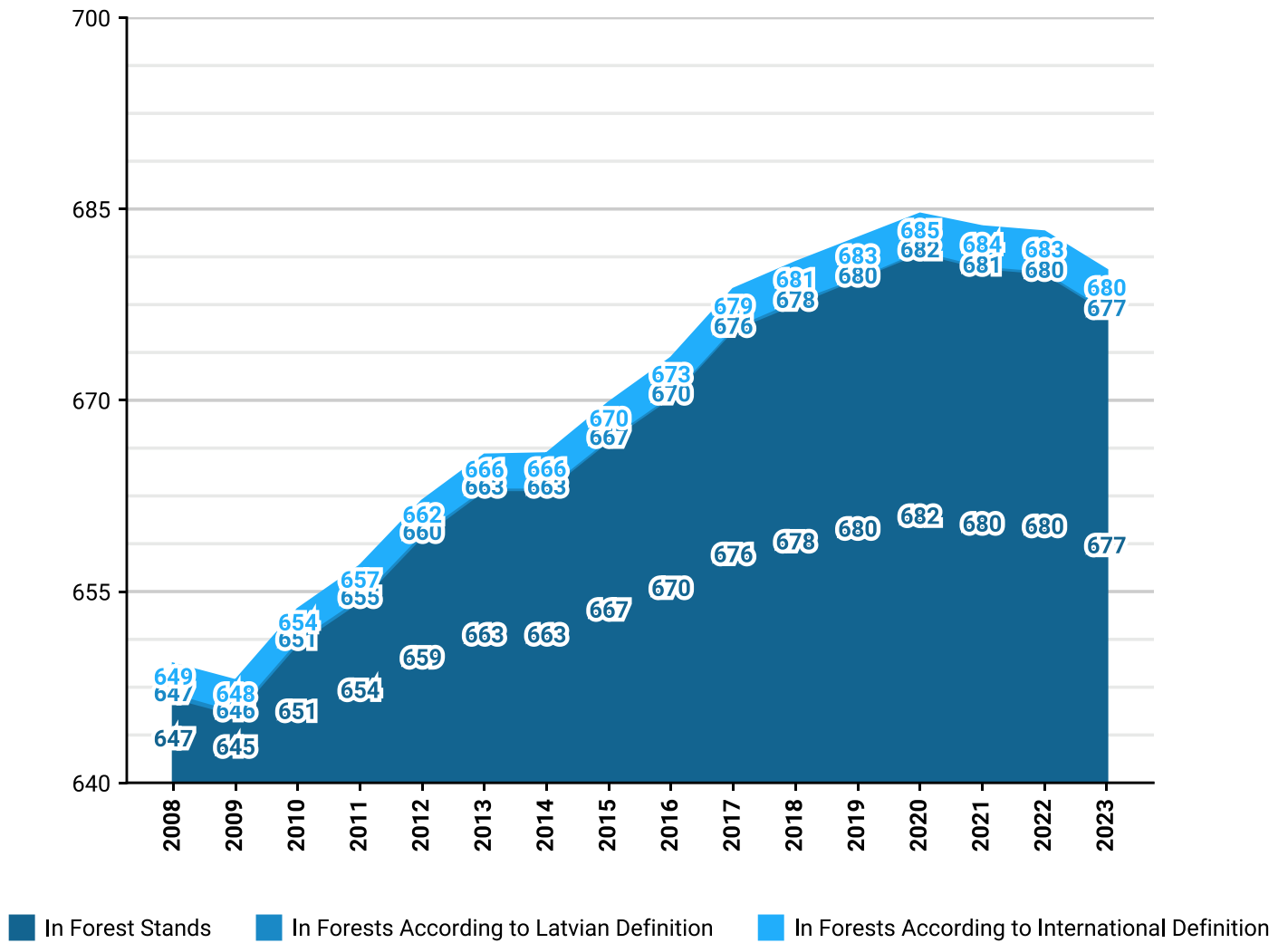
2. Territories

Forest Area (Thousand ha)



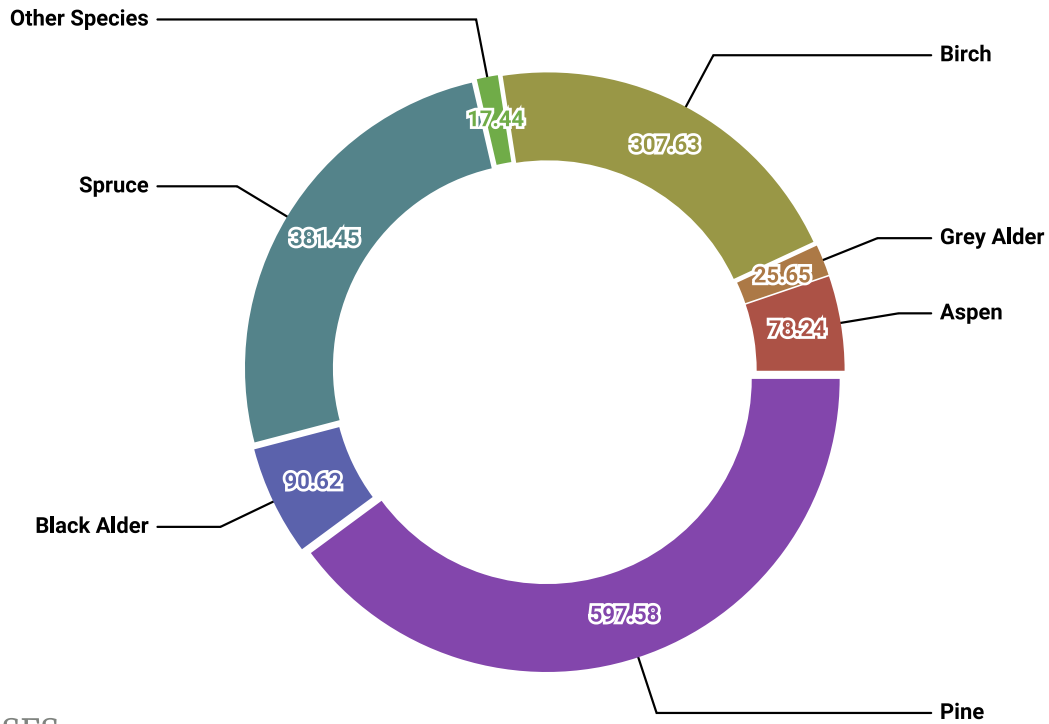
SOURCE: NATIONAL FOREST INVENTORY (NFI)

Total growing stock volume (Million m³)



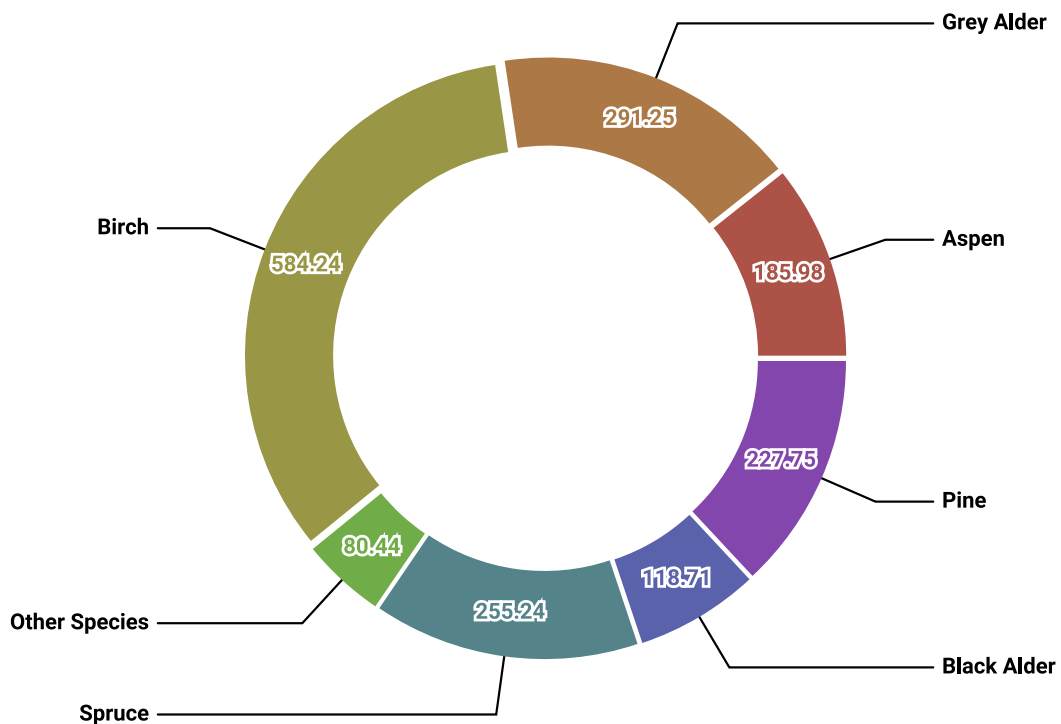
SOURCE: FOREST FUND, THE STATE FOREST SERVICE (SFS), NFI

Forest Area by Dominant Species. State-owned forests, 2023



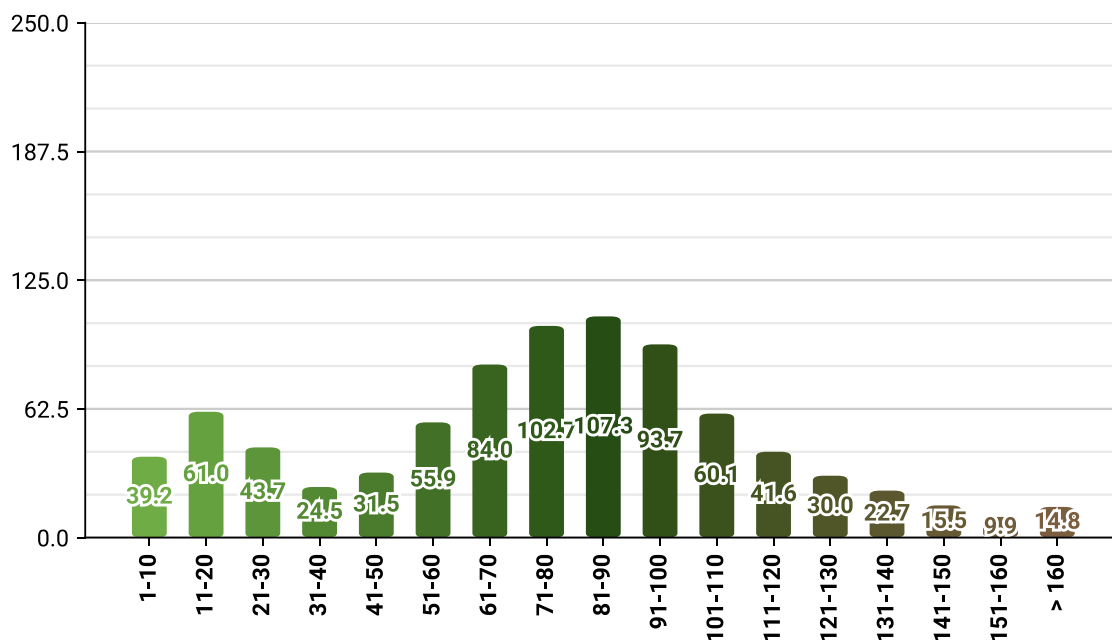
SOURCE: SFS

Forest Area by Dominant Species. Other forest owners, 2023



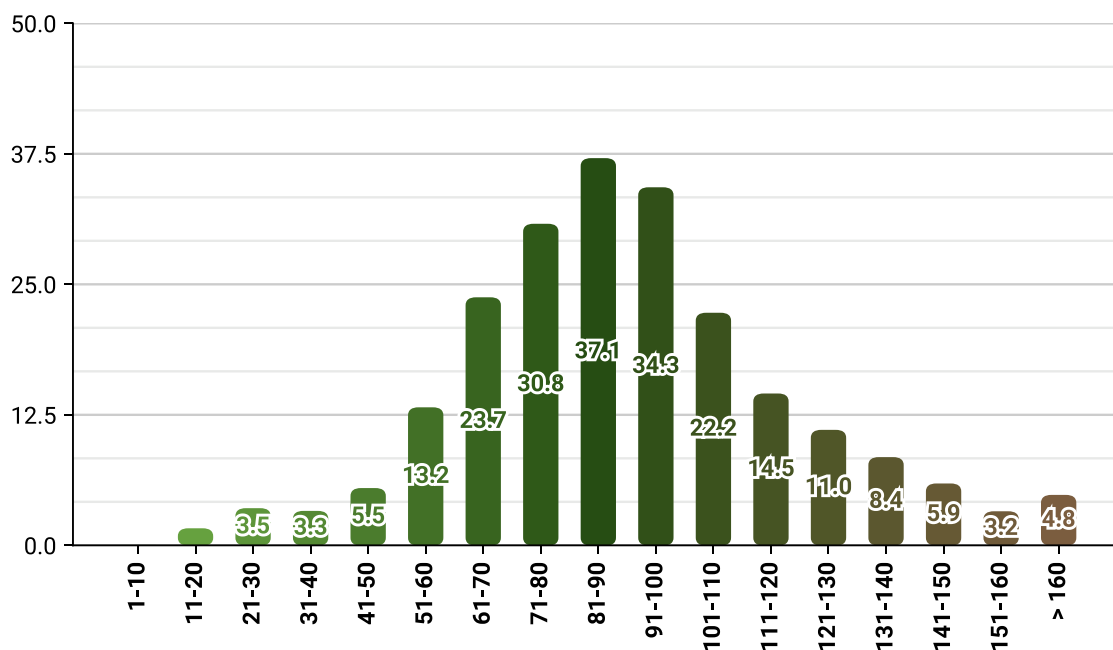
SOURCE: SFS

Age structure of pine stands by area (Thousand ha), 2023



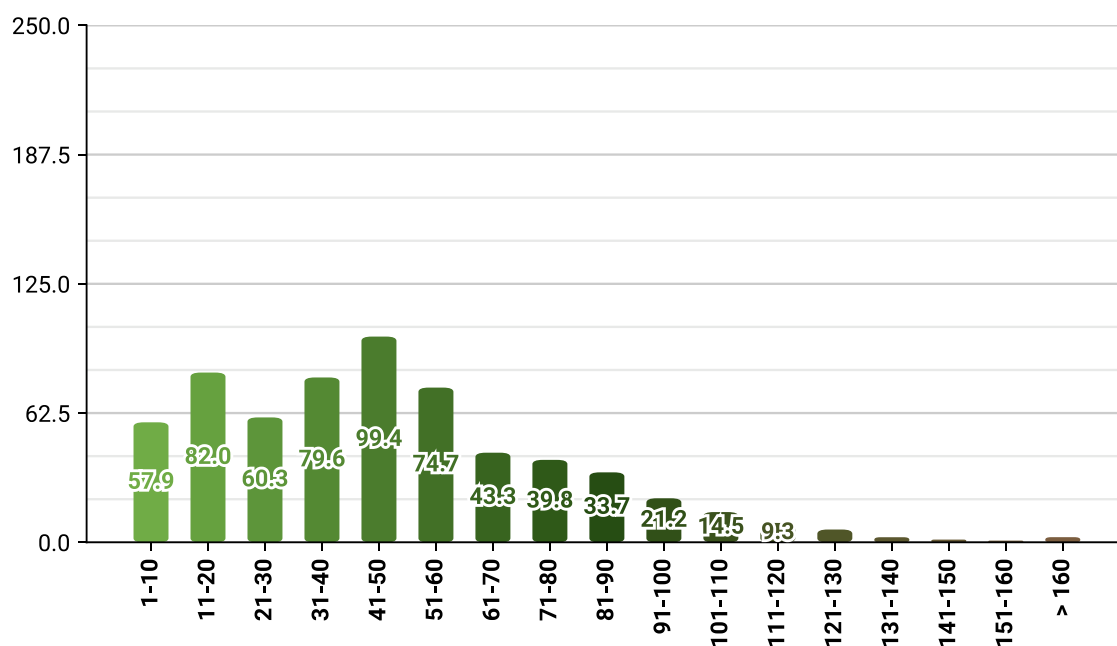
SOURCE: NFI

Age structure of pine stands by growing stock volume (Million m³), 2023



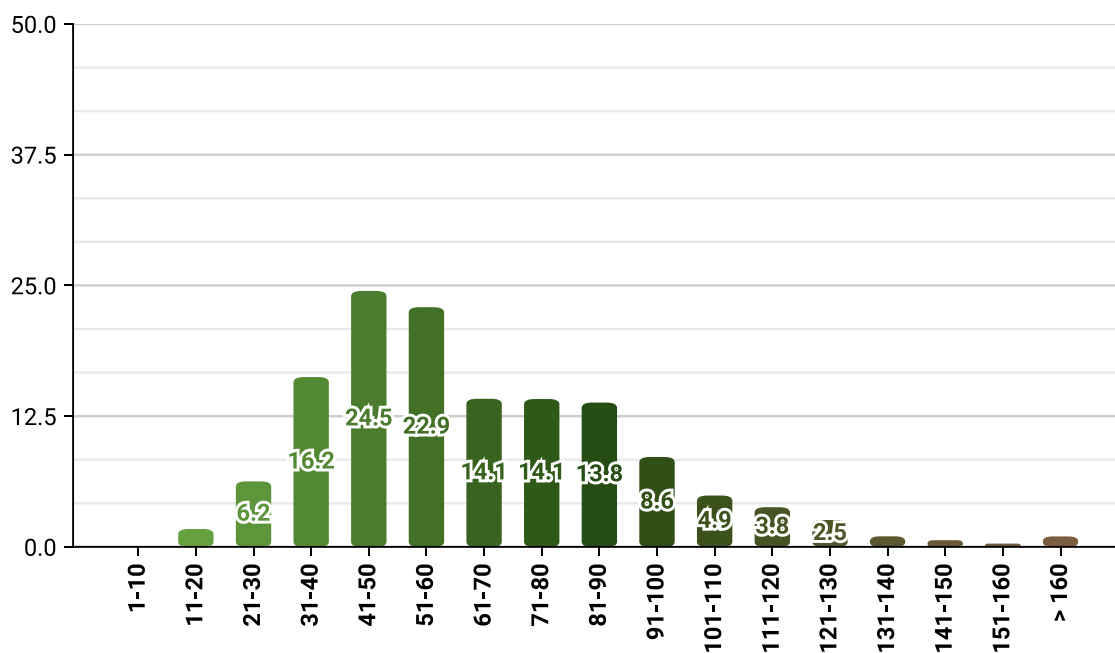
SOURCE: NFI

Age structure of spruce stands by area (Thousand ha), 2023



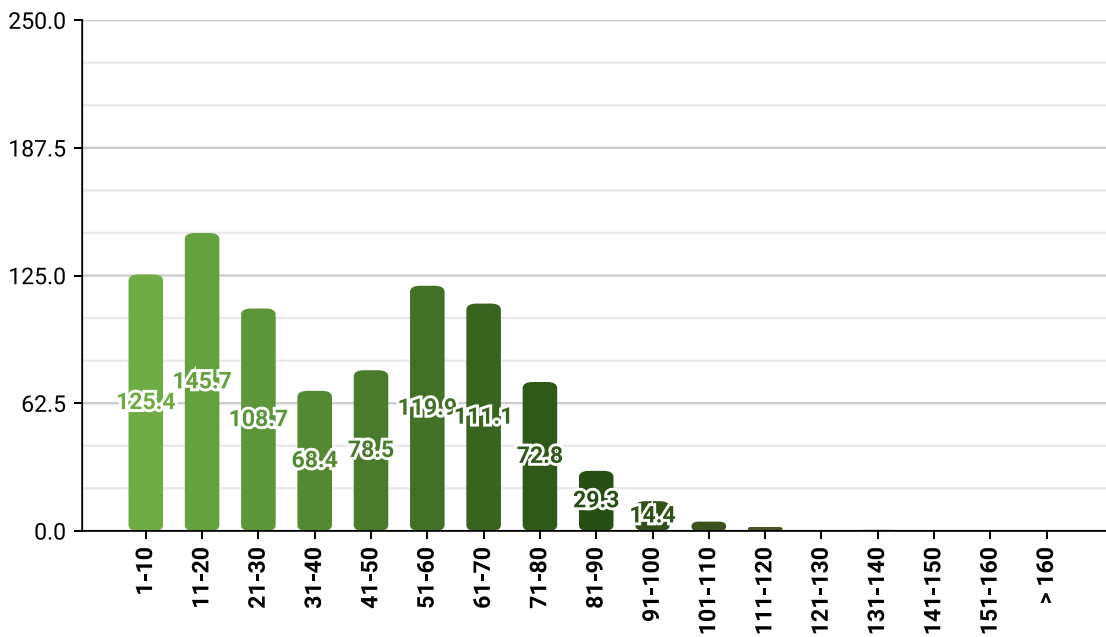
SOURCE: NFI

Age structure of spruce stands by growing stock volume (Million m³), 2023



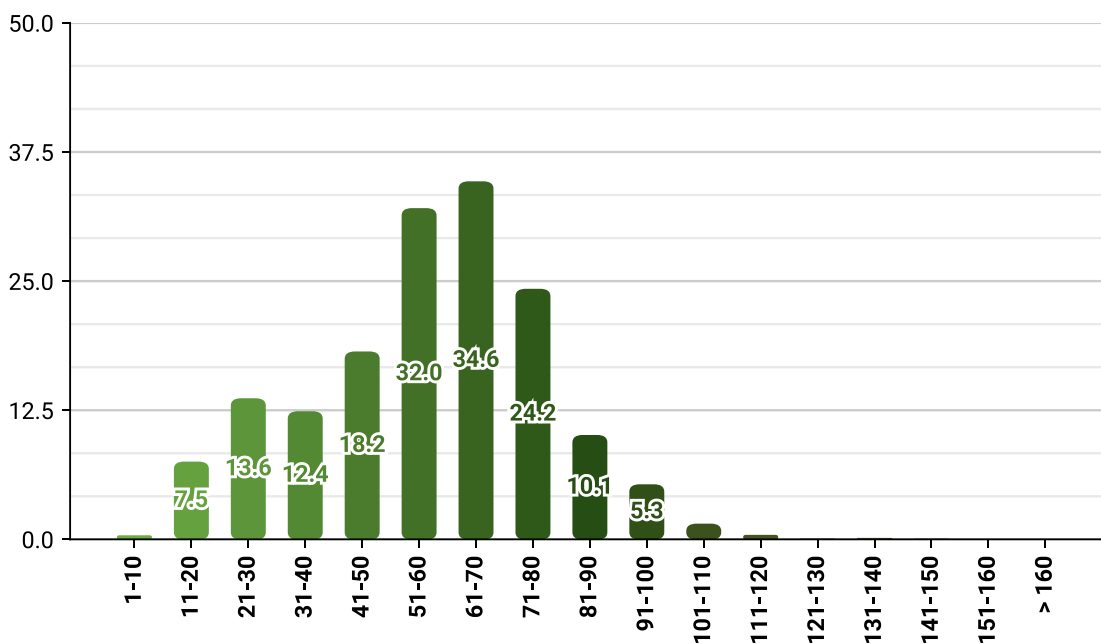
SOURCE: NFI

Age structure of birch stands by area (Thousand ha), 2023



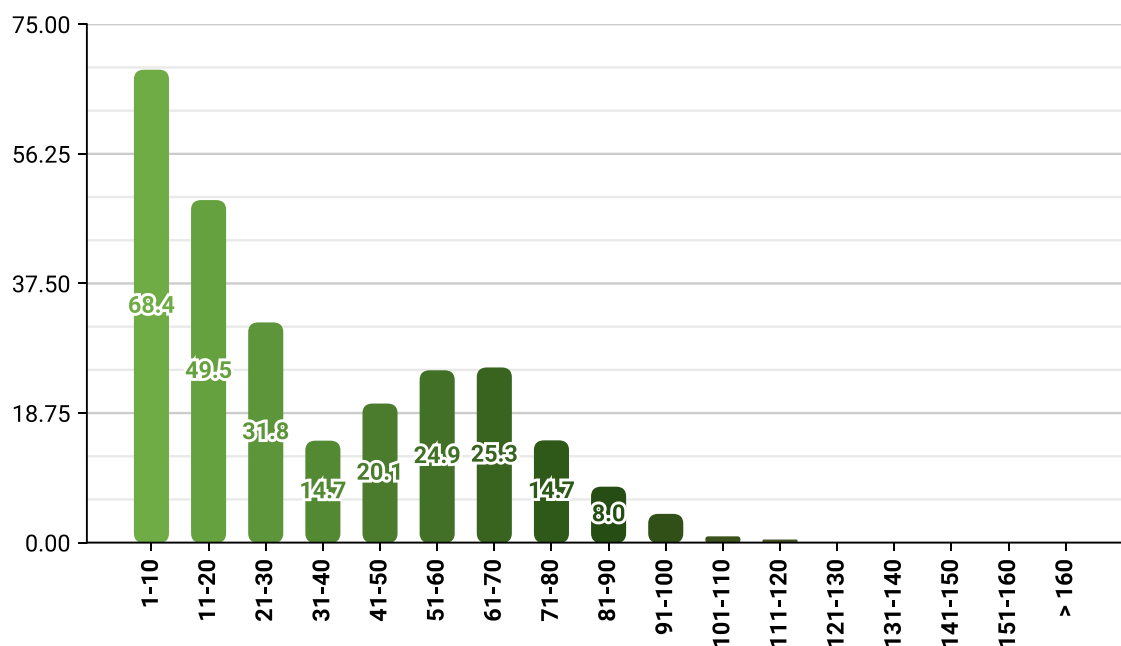
SOURCE: NFI

Age structure of birch stands by growing stock volume (Million m³), 2023



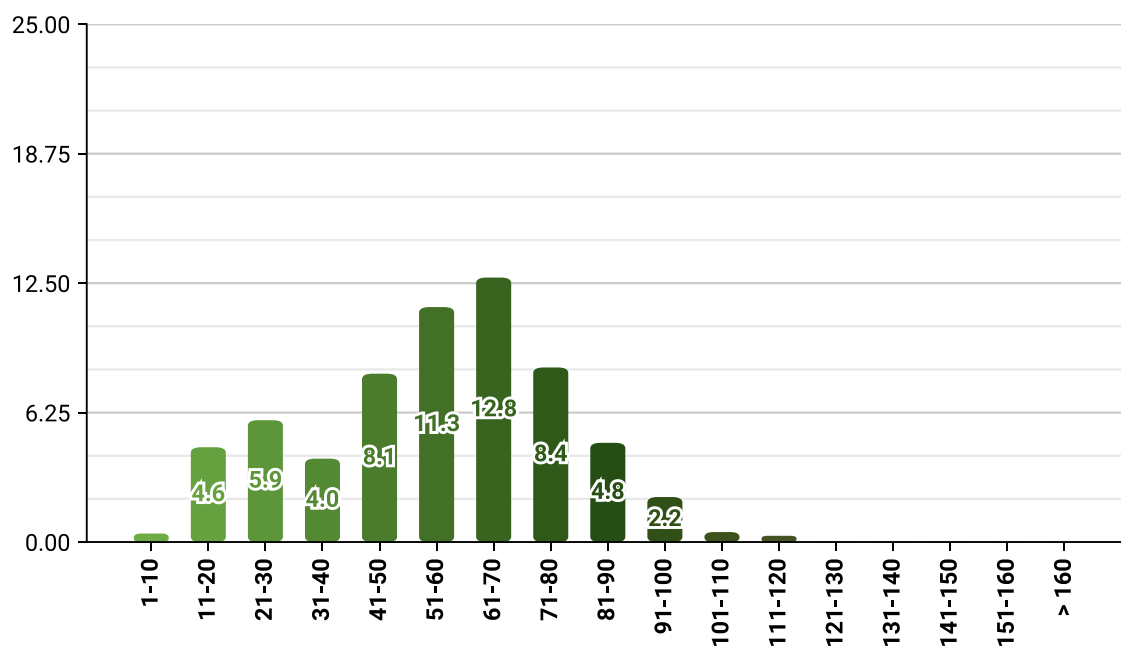
SOURCE: NFI

Age structure of aspen stands by area (Thousand ha), 2023



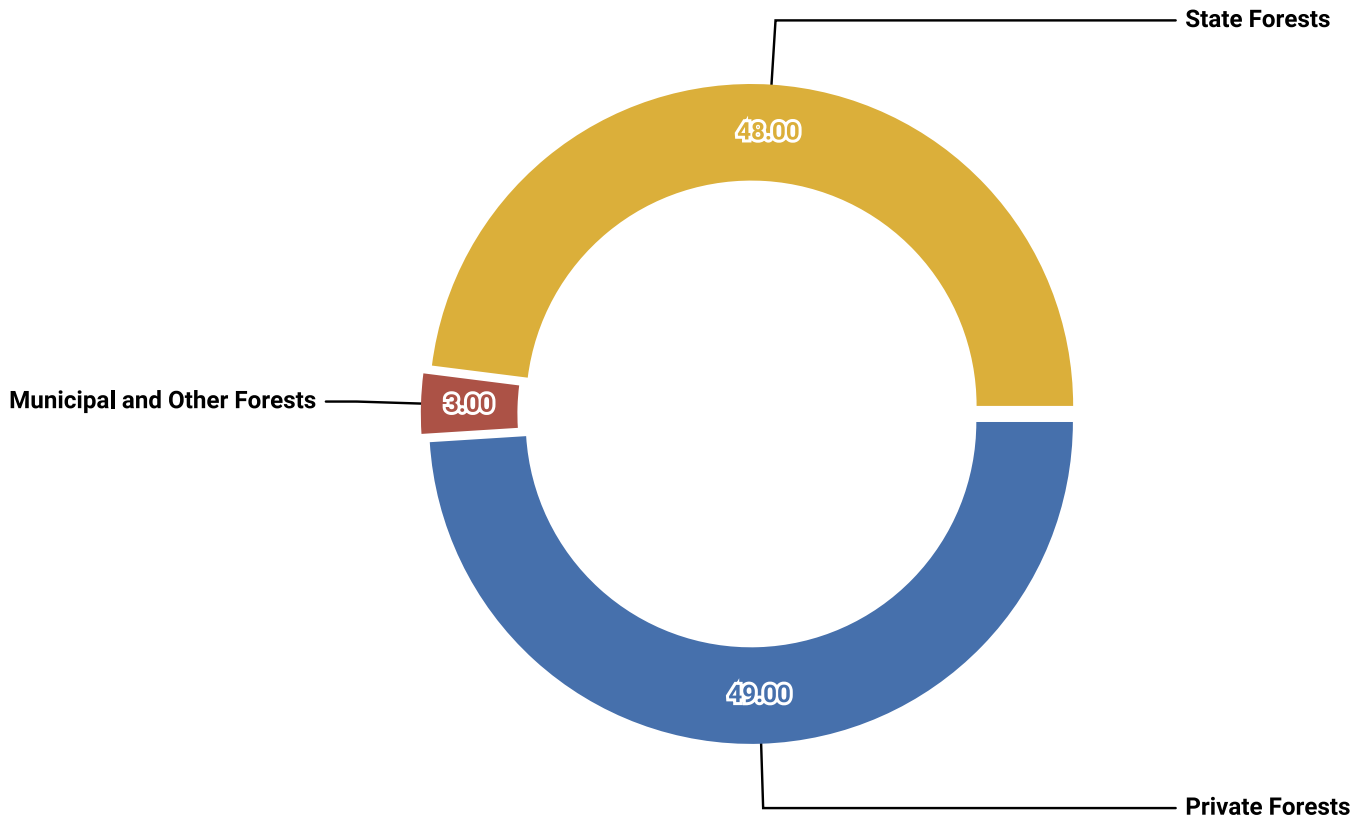
SOURCE: NFI

Age structure of aspen stands by growing stock volume (Million m³), 2023



SOURCE: NFI

Forest ownership by status, 2023



SOURCE: SFS

3. Forestry

The forest sector in Latvia is under the supervision of the Ministry of Agriculture. It works with stakeholders to draft forest policies, development strategies for the sector, as well as regulations on forest management, the use of forest resources, environment protection and hunting.

www.zm.gov.lv

The State Forest Service, under the Ministry of Agriculture, is the responsible agency for supervising how the provisions of the laws and regulations are observed in forest management irrespective of the ownership type.

www.zm.gov.lv/valsts-meza-dienests

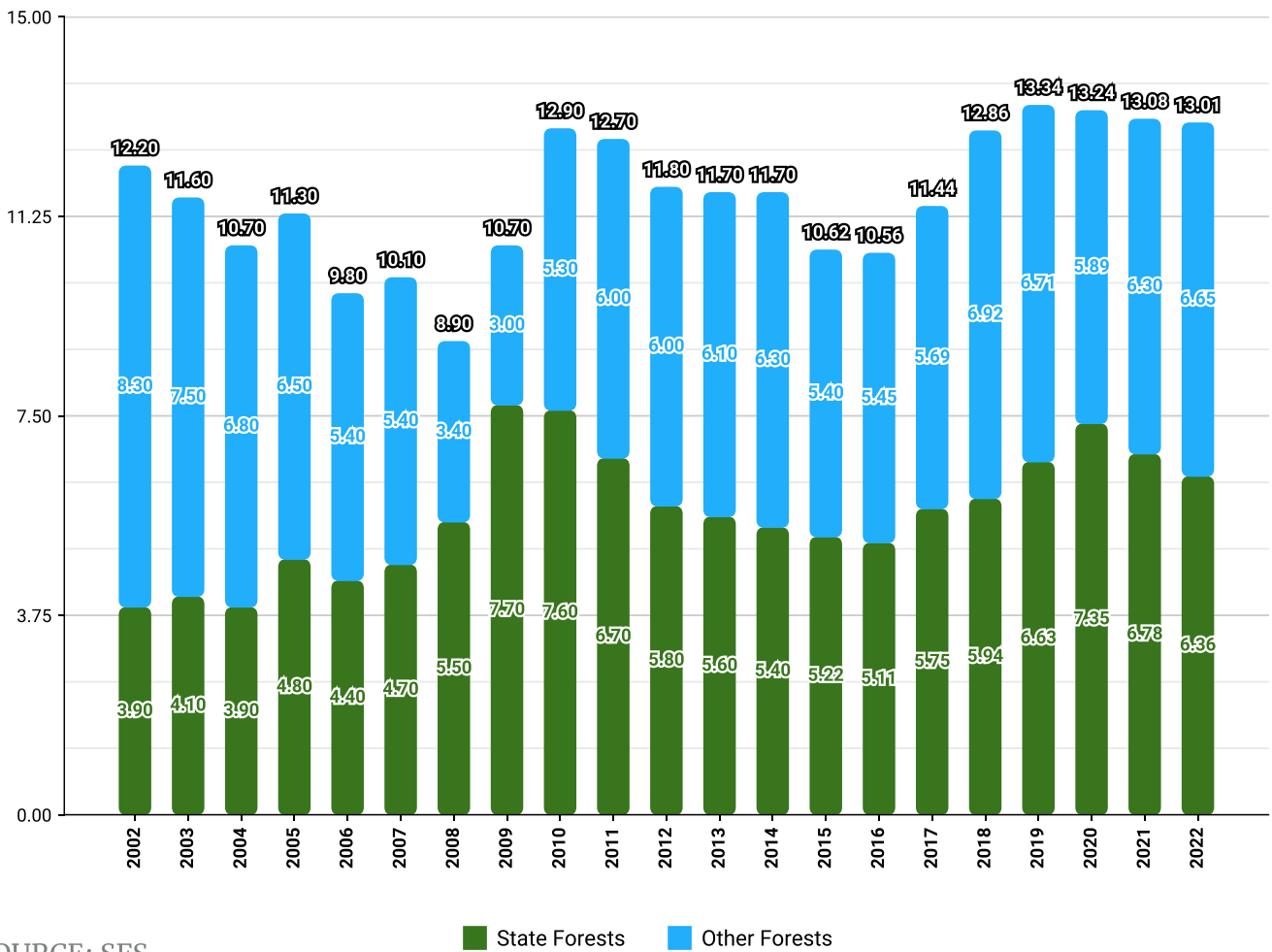
State-owned forests are managed by Stock Company “Latvian State Forests”, which was established in 1999. It implements the state’s interests in terms of preserving and increasing the value of the forest and enhancing the contributions of the forest to the national economy.

www.lvm.lv

The interests of private forest owners are represented by the Latvian Forest Owners' Association.

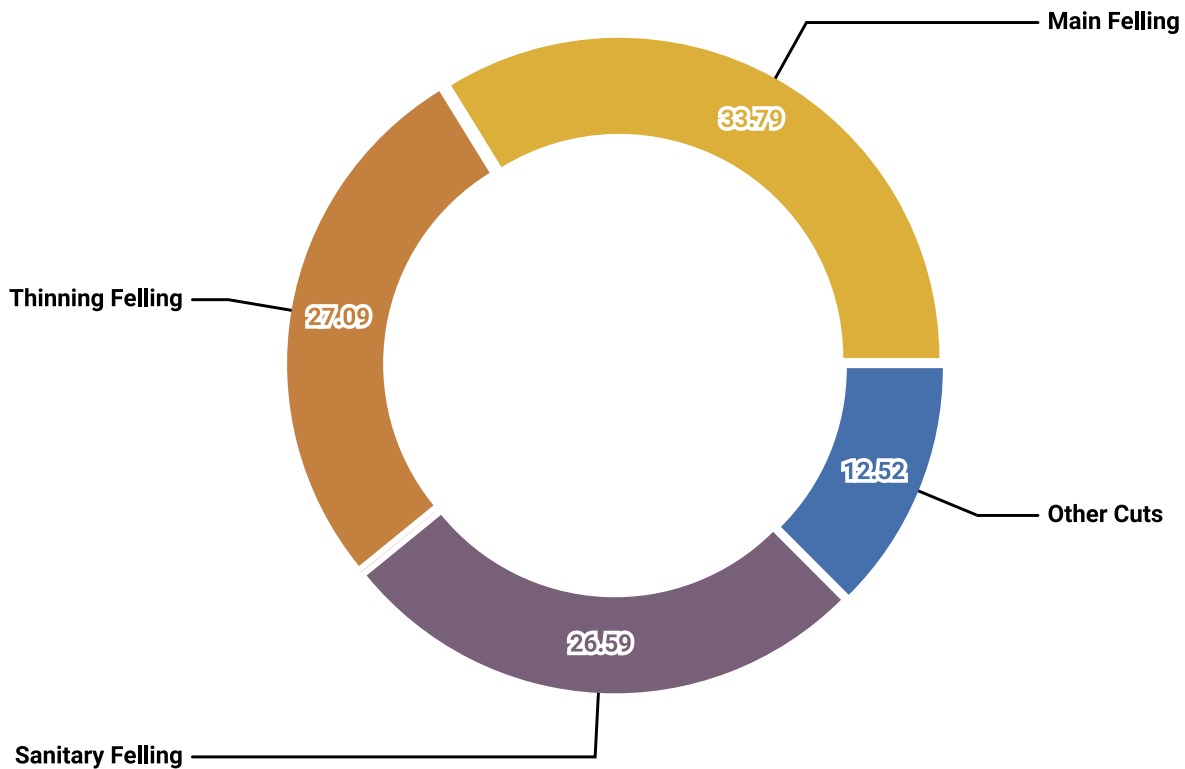
www.mezaipasnieki.lv

Timber Production (Million m3)



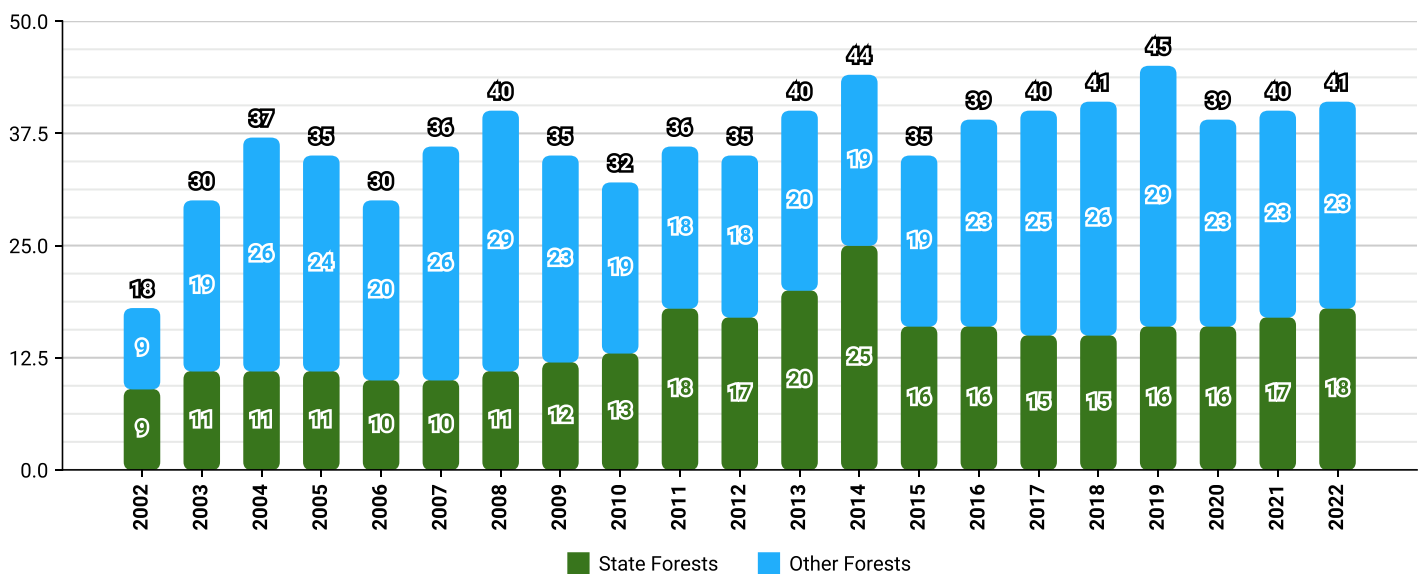
SOURCE: SFS

Timber Production in Terms of Felling Type (ha), 2023



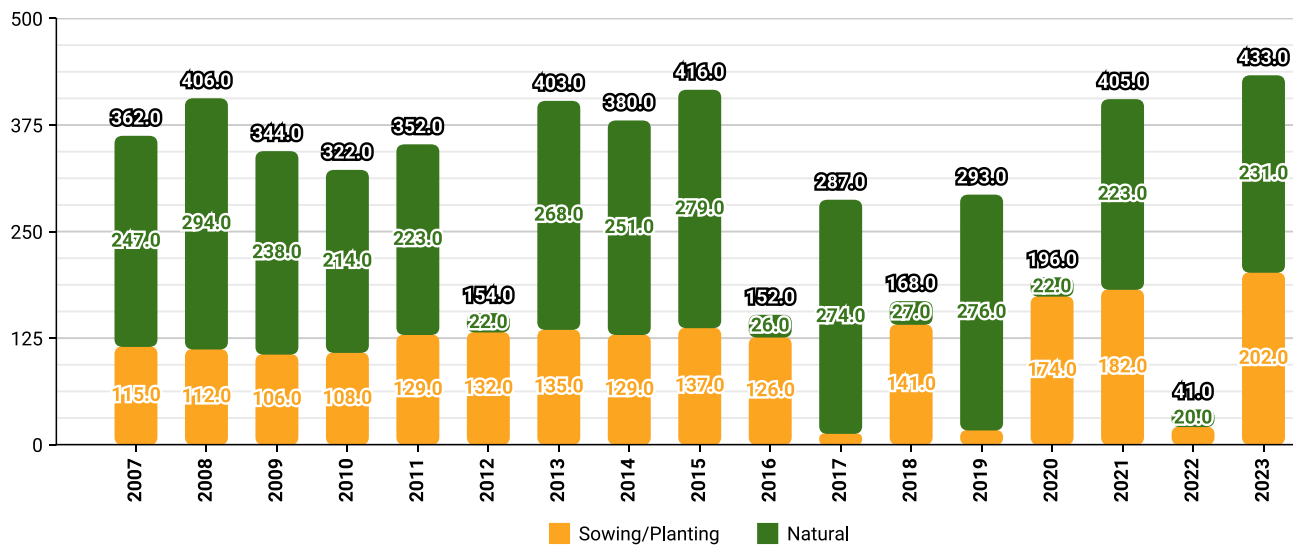
SOURCE: SFS

Forest Regeneration by ownership (Thousand ha)



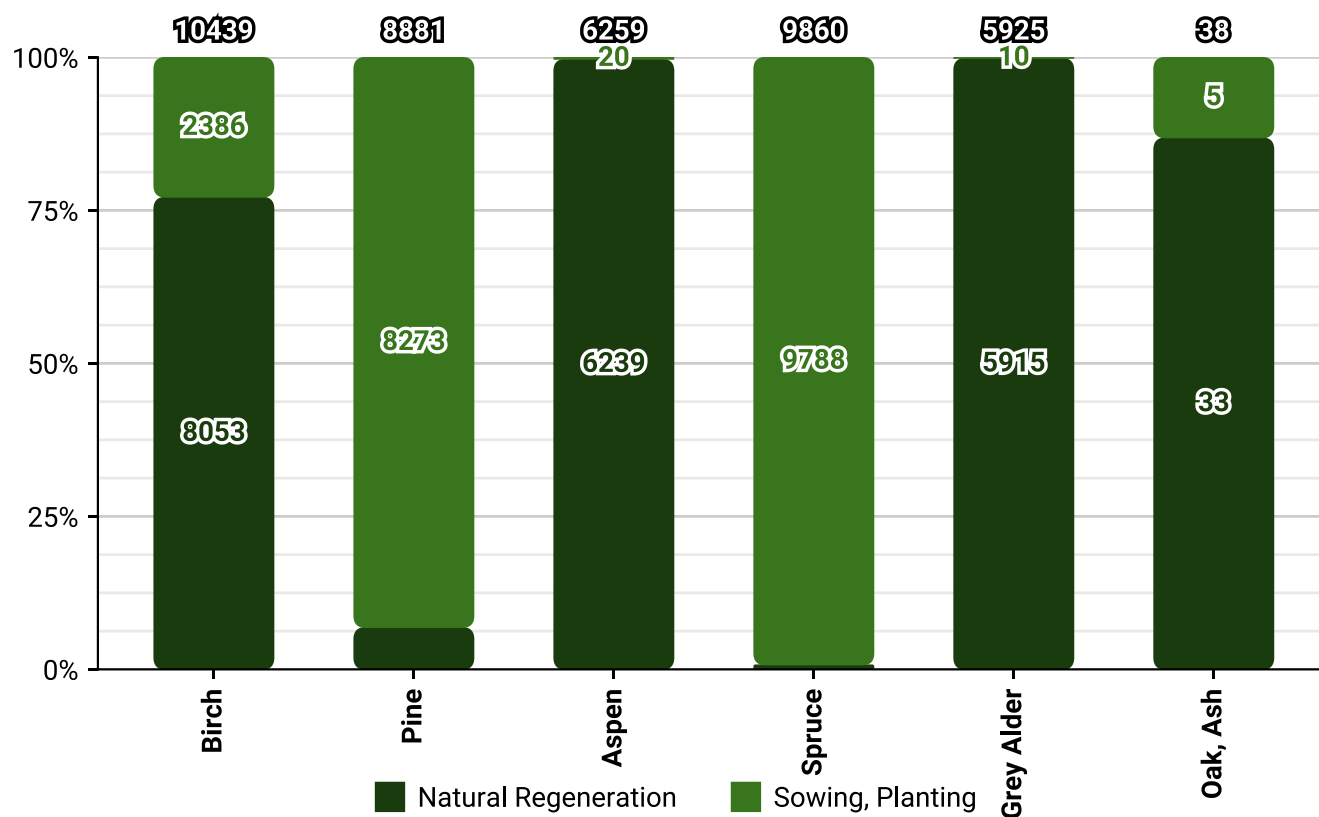
SOURCE: SFS

Forest Regeneration by Type (Thousand ha)



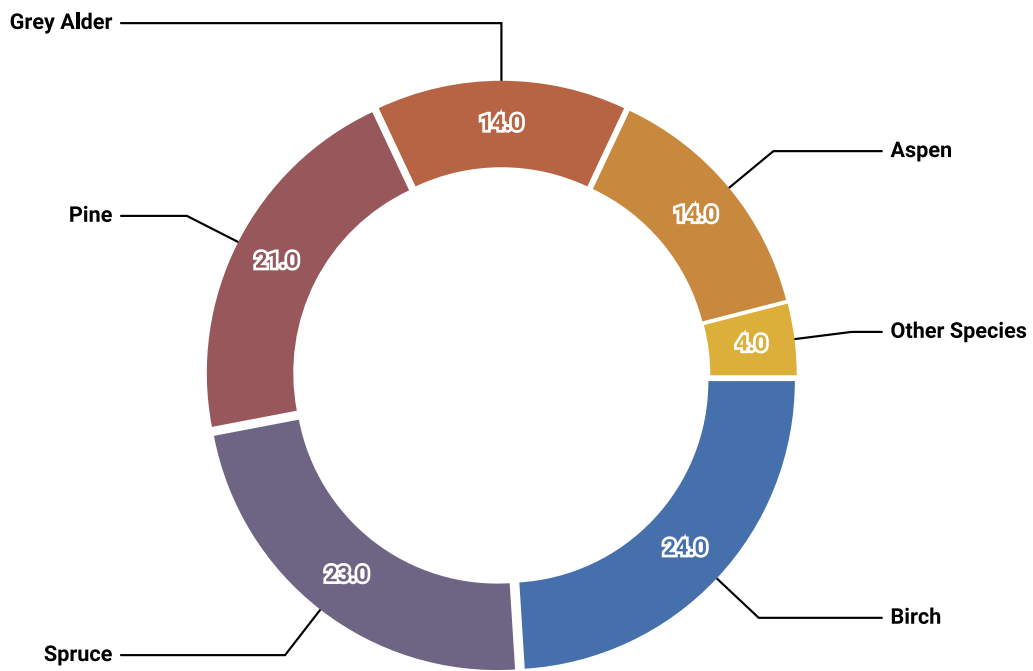
SOURCE: SFS

Forest regeneration by species and by the type of regeneration (ha), 2023



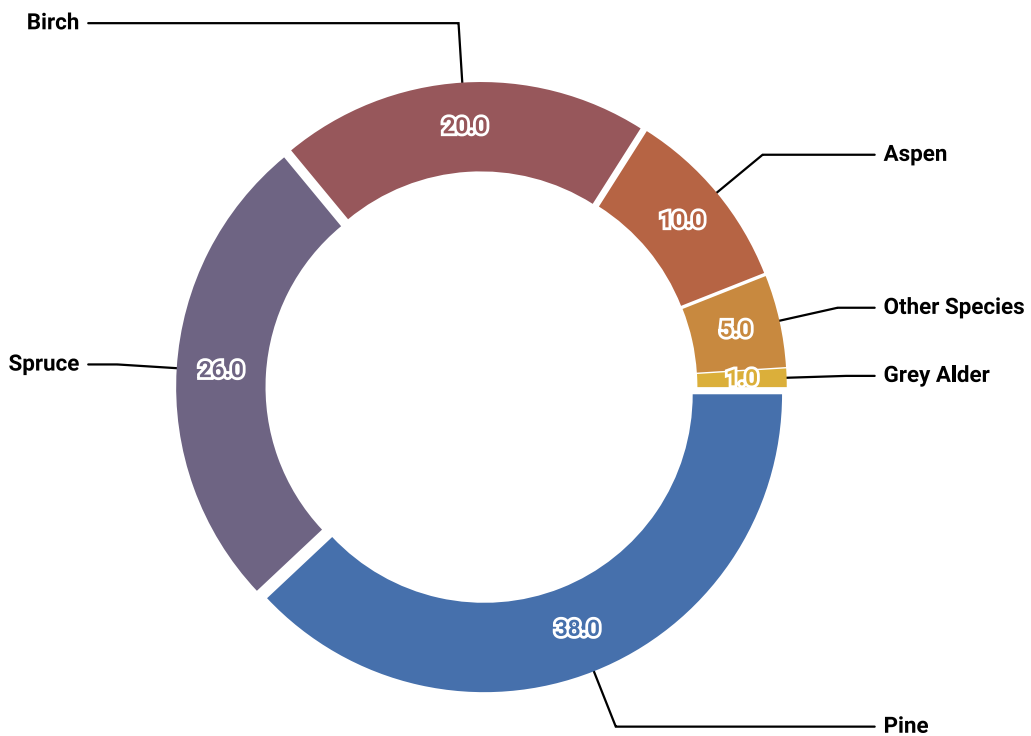
SOURCE: SFS

Proportion of Species in Forest Regeneration. Whole country, 2023



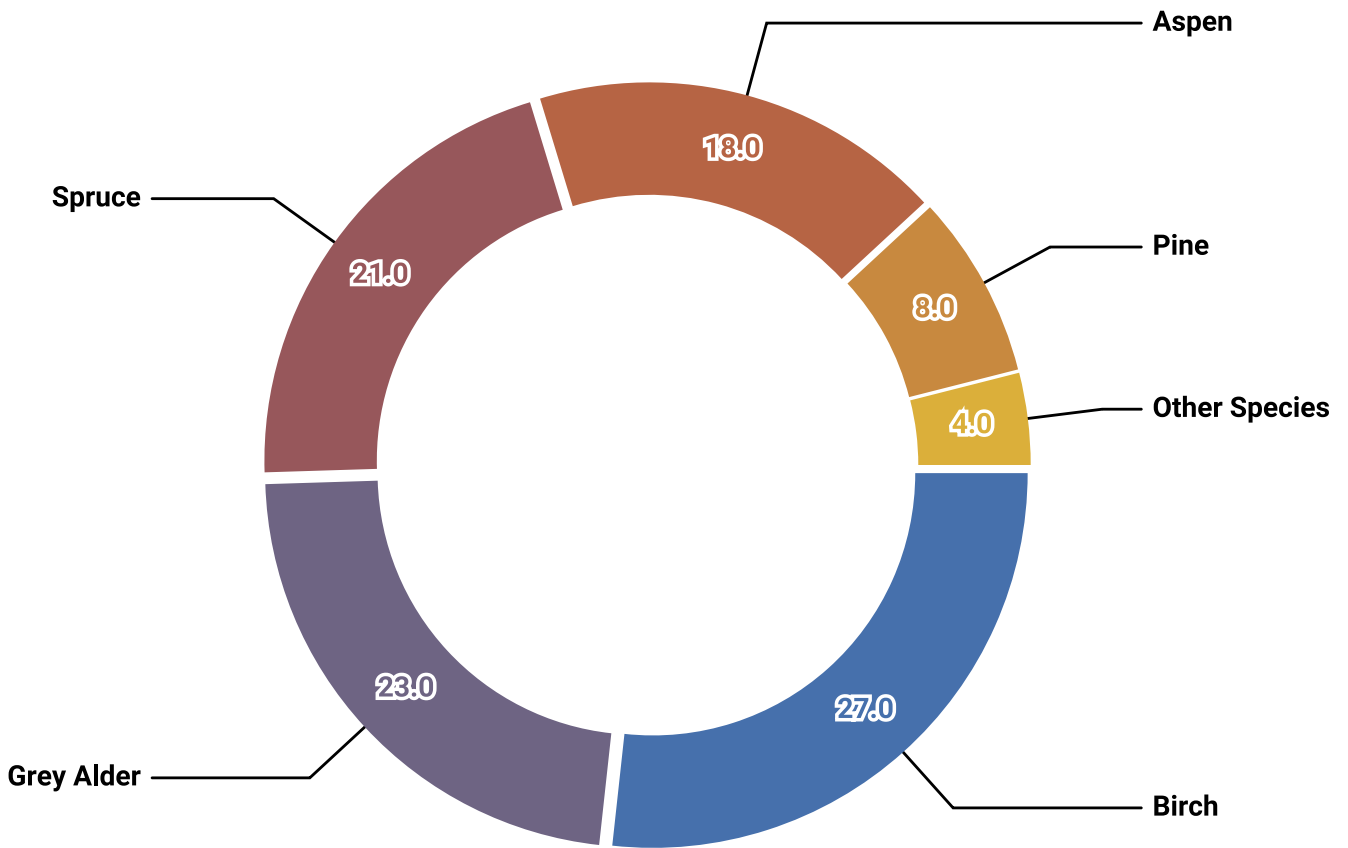
SOURCE: SFS

Proportion of Species in Forest Regeneration. State-owned forests, 2023



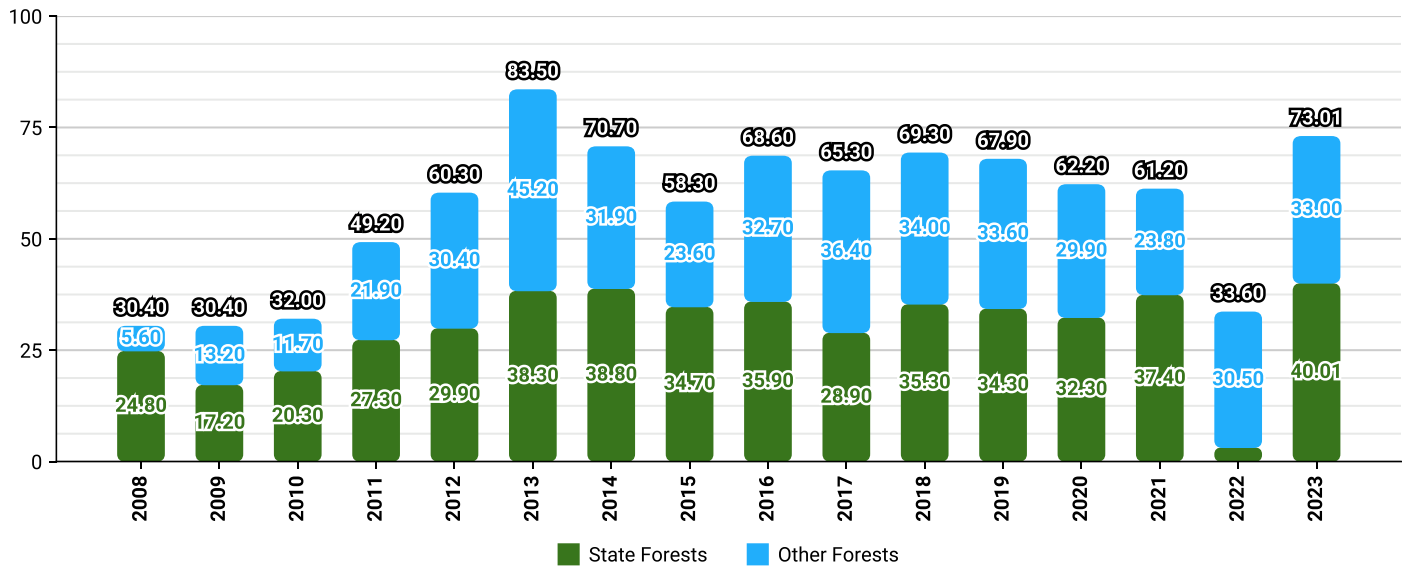
SOURCE: SFS

Proportion of Species in Forest Regeneration. Other forests, 2023



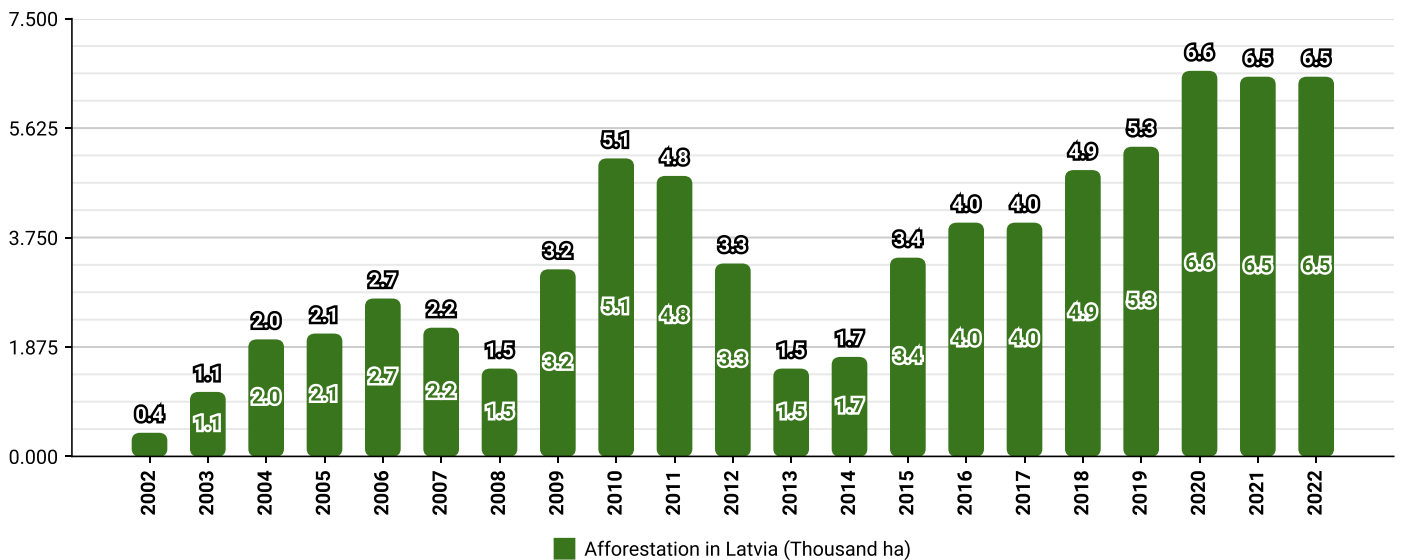
SOURCE: SFS

Thinning of young stands in Latvia (Thousand ha)



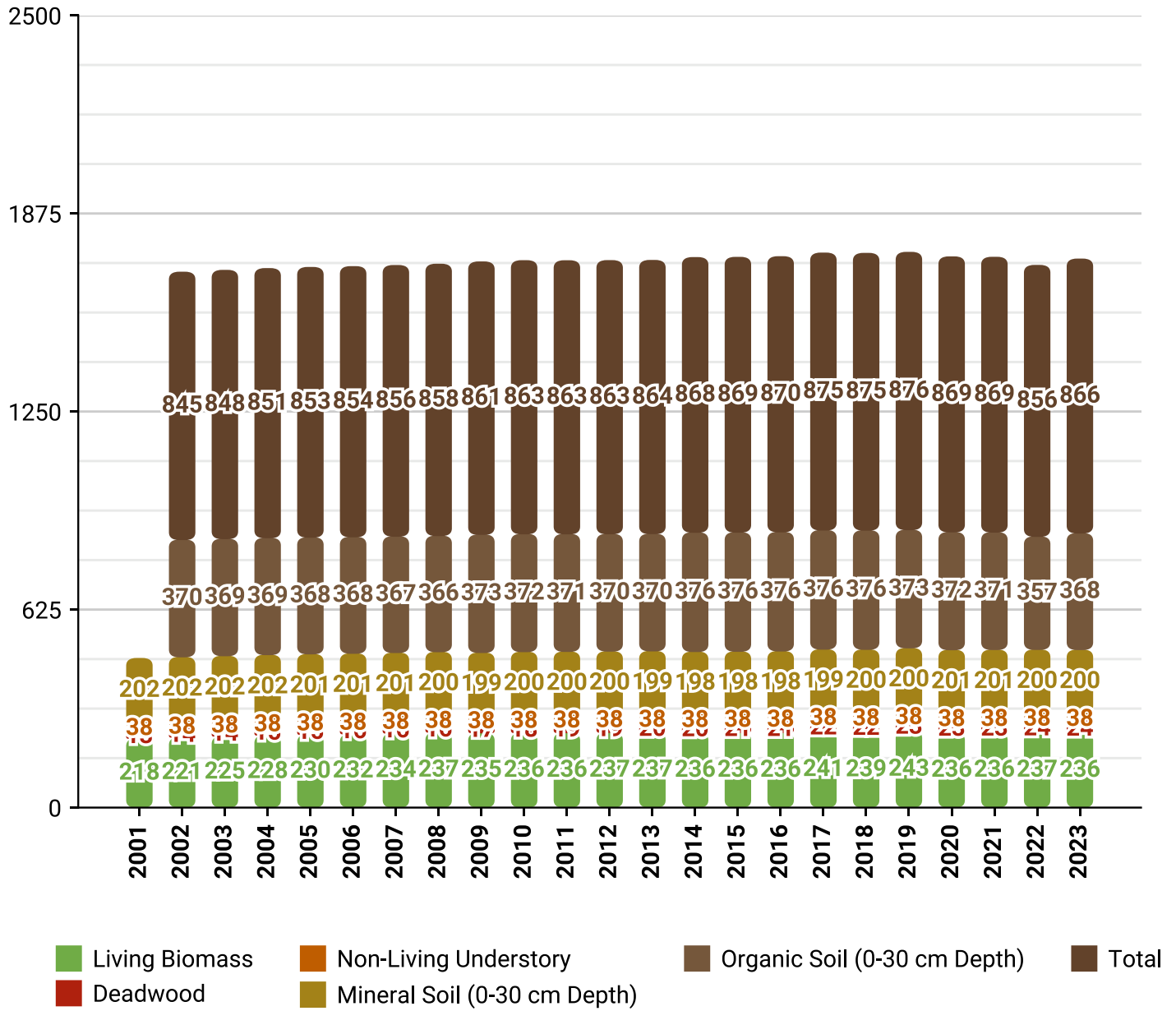
SOURCE: SFS

Forest establishment in Latvia (Thousand ha)



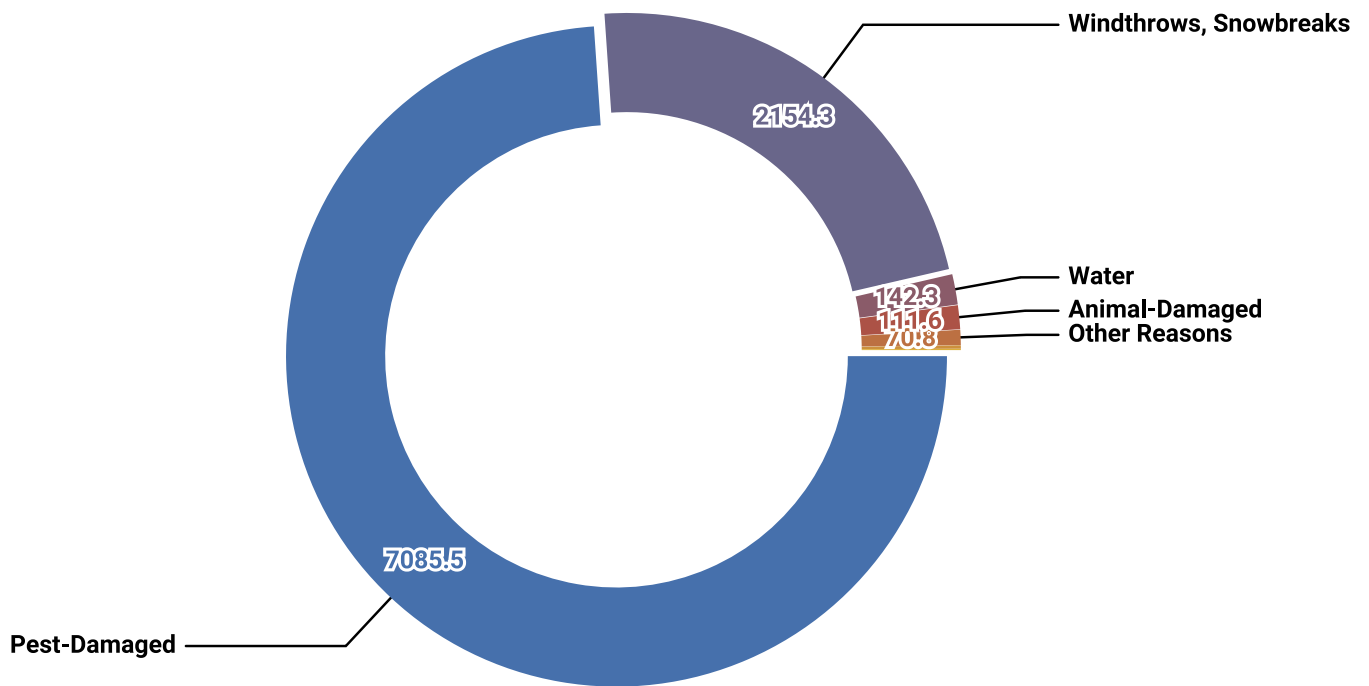
SOURCE: SFS

Carbon stock (Thousand tons)



SOURCE: SFS

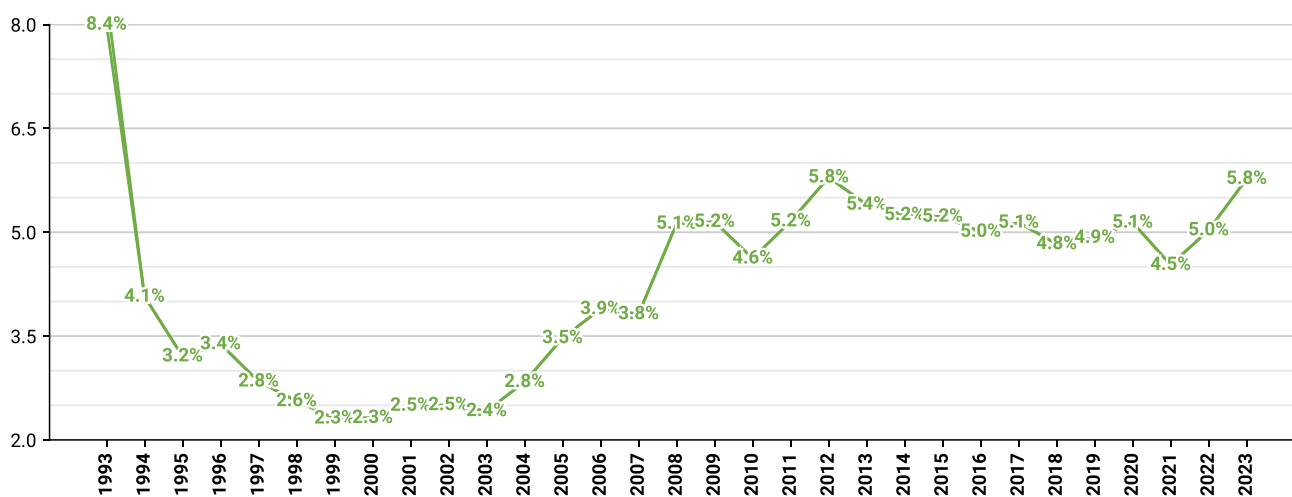
Damaged forest stands (Thousand ha)



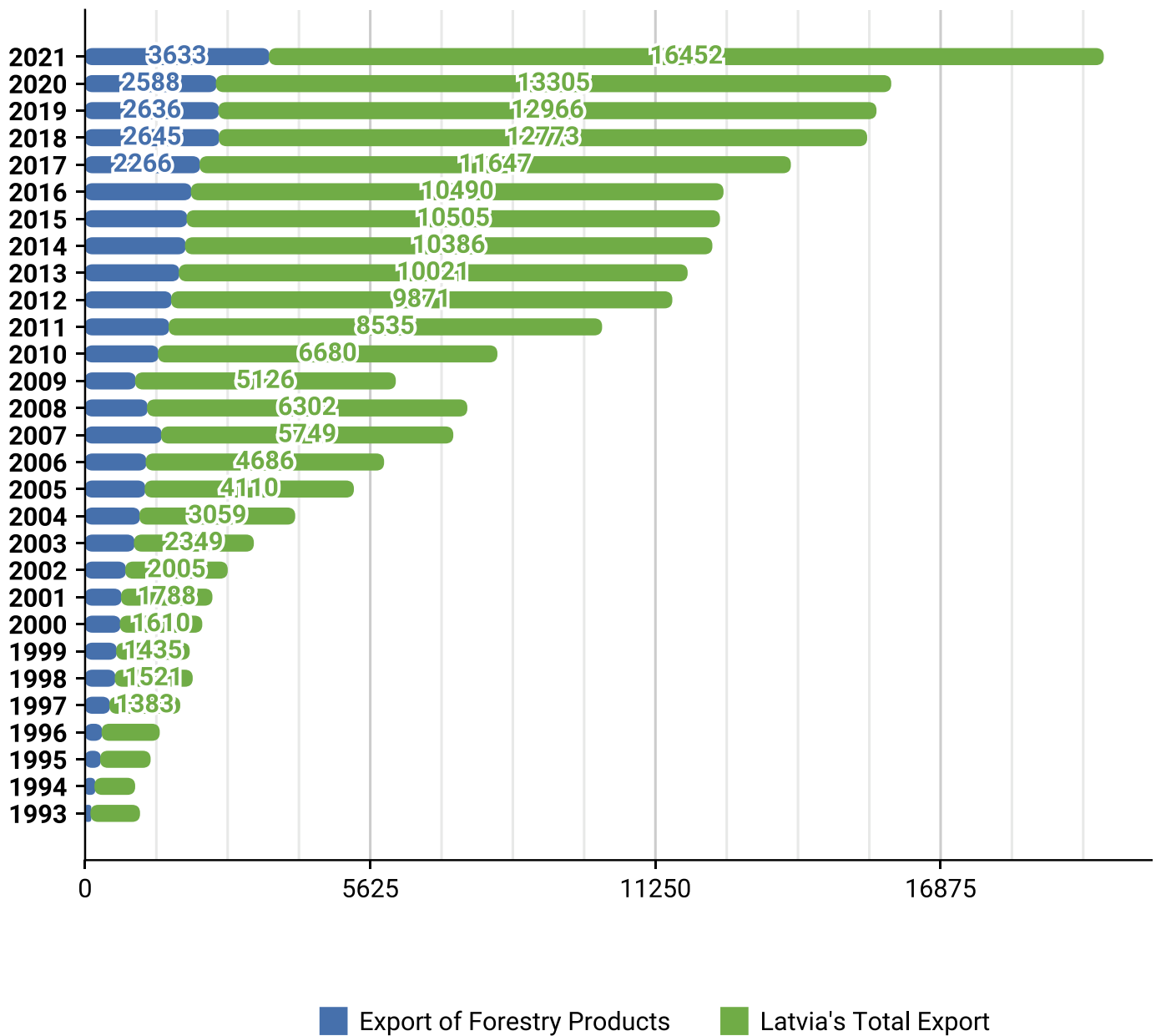
SOURCE: SFS

4. Contribution to the economy

Proportion of forest sector exports in total Latvian exports (Million EUR)

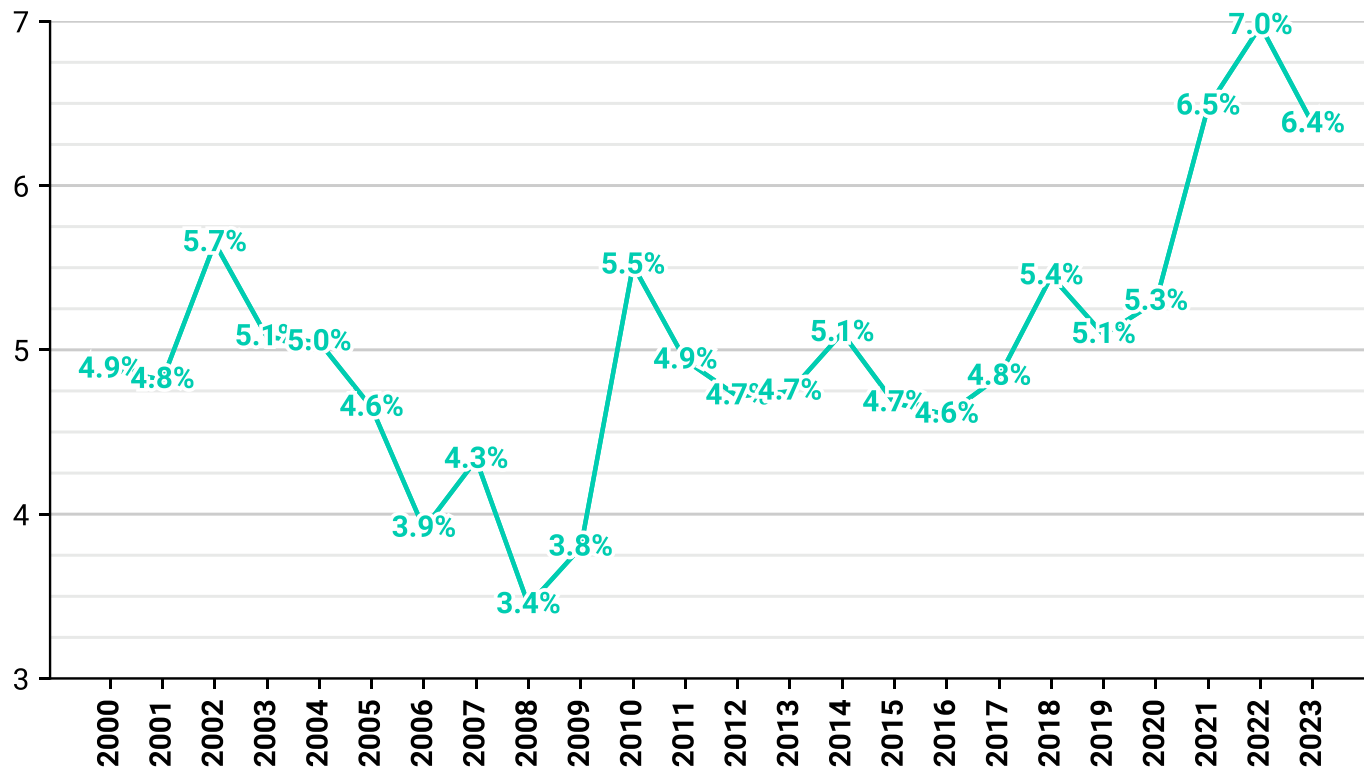


SOURCE: CENTRAL STATISTICAL BUREAU (CSB)



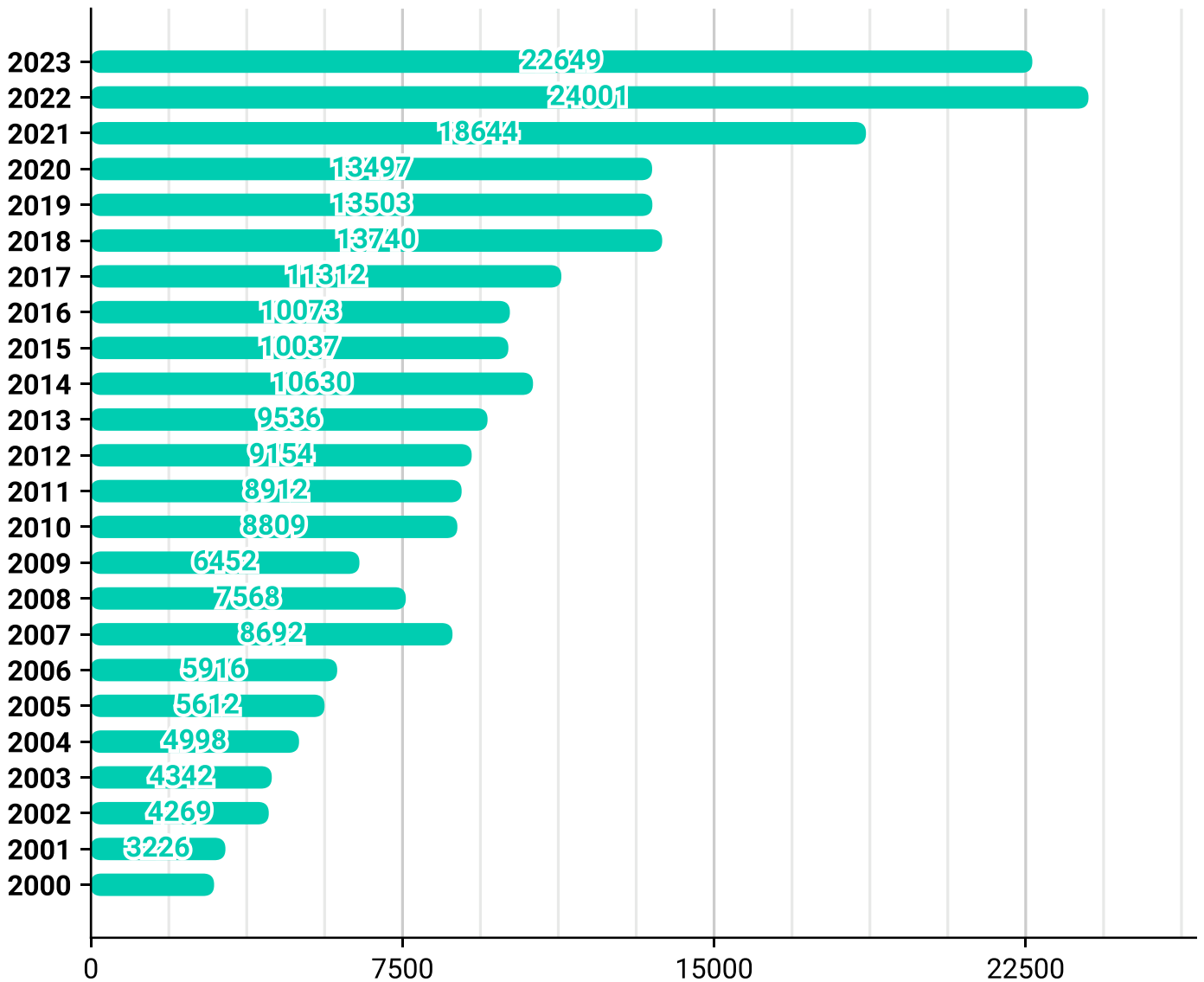
SOURCE: CSB

Added value of the forest sector and its proportion in GDP (Million EUR) (actual prices)



SOURCE: CSB

Added value of the forest sector and its proportion in GDP (Million EUR) (actual prices)

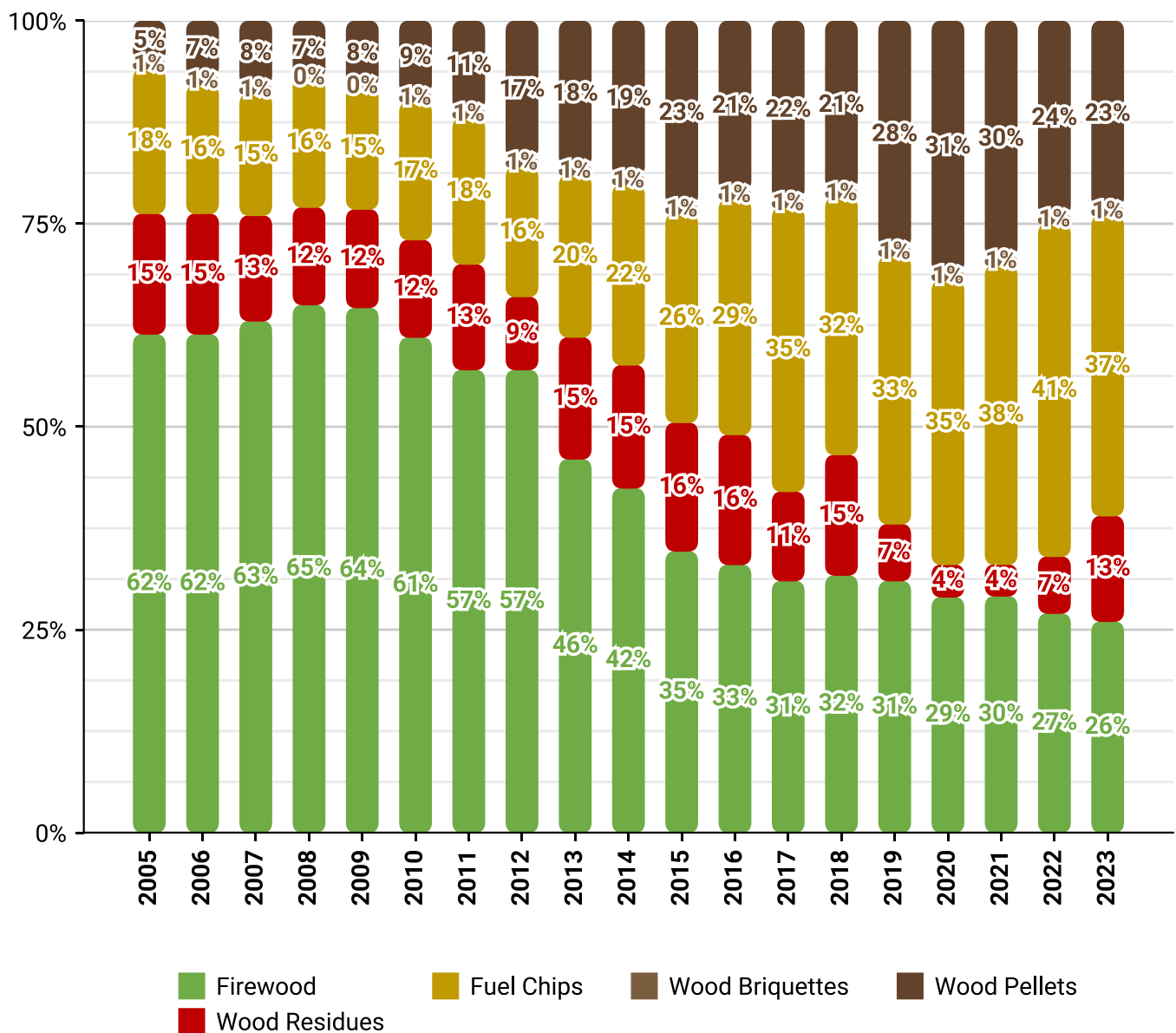


SOURCE: CSB

■ Total Added Value of Forestry Sector

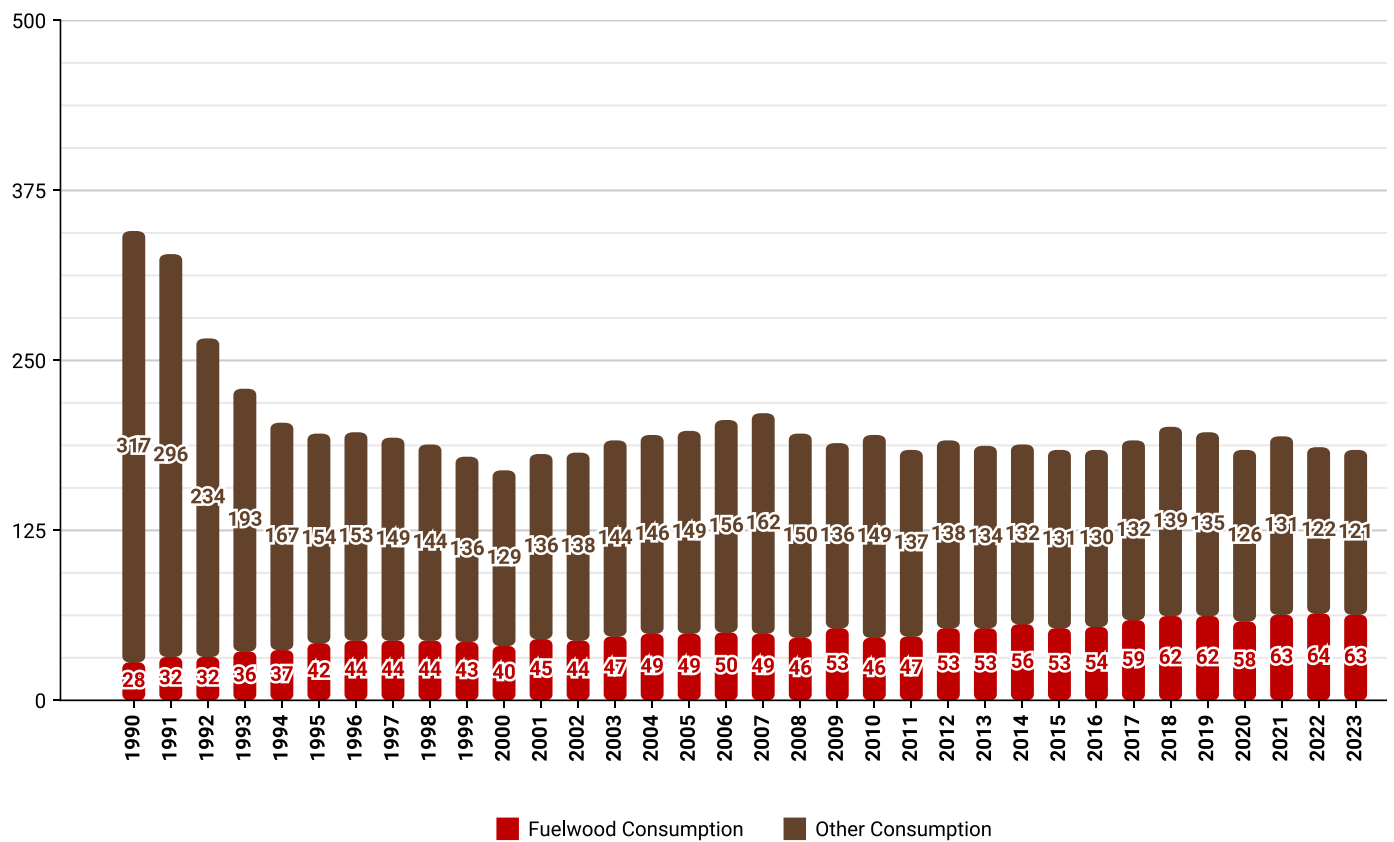
5. Contribution to the energy sector

Types of energy-wood in total output (%)



SOURCE: FOREST AND WOOD PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE

Total consumption of energy resources (Thousand Tj)



SOURCE: FOREST AND WOOD PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE

Wood biomass Consumption in Energy Production (%)



SOURCE: FOREST AND WOOD PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE

6. Timber industry

Latvian timber industry associations

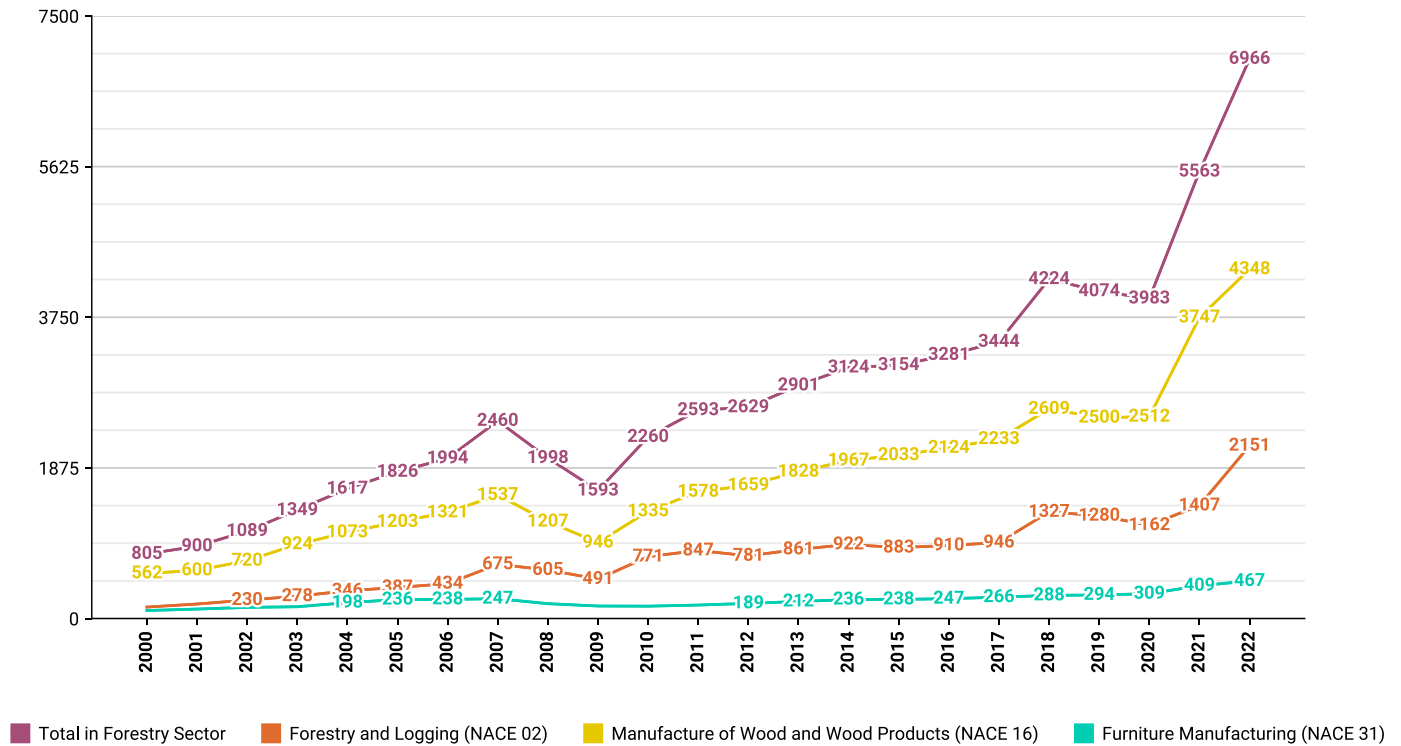
- Association "Latvijas Mēbeles" (Latvian Furniture)
- Latvian Timber Producers and Exporters Association
- Latvian Association of Wood Processing Companies and Exporters
- Association "Latvijas Koks"
- Latvian Union of Timber Harvesting Companies
- Latvian Association of Independent Timber Harvesting Companies
- Latvian Biomass Association LATbio
- Latvian Wood Construction Cluster



Associations of companies in Latvia's forest industries joined together in the Latvian Forest Industry Federation in 2000. It works to develop Latvia's forest sector together with other stakeholders so as to establish a sustainable and stable economic environment that will develop the relevant companies, enhance their competitiveness, ensure the international representation of the industry's interests, and help to develop and co-ordinate the work of the member associations.

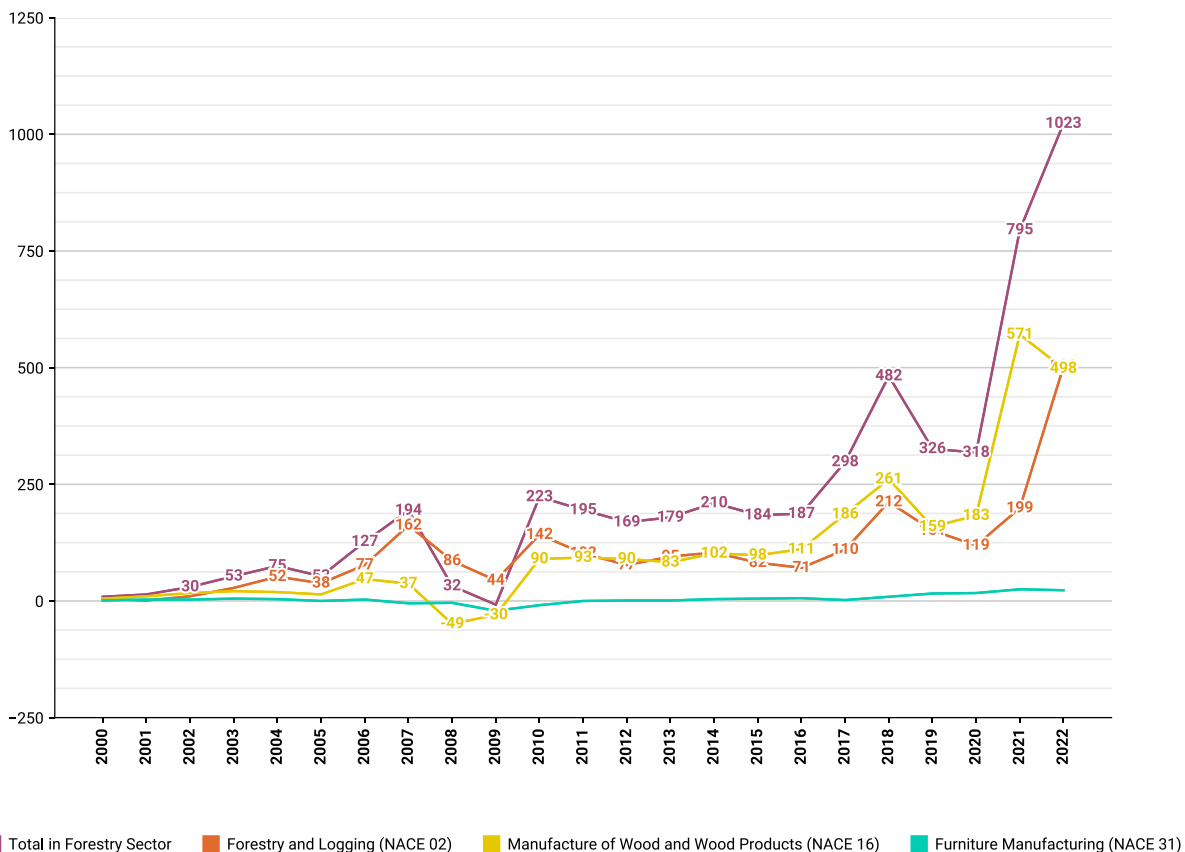


Net turnover of Forest sector (Million EUR)



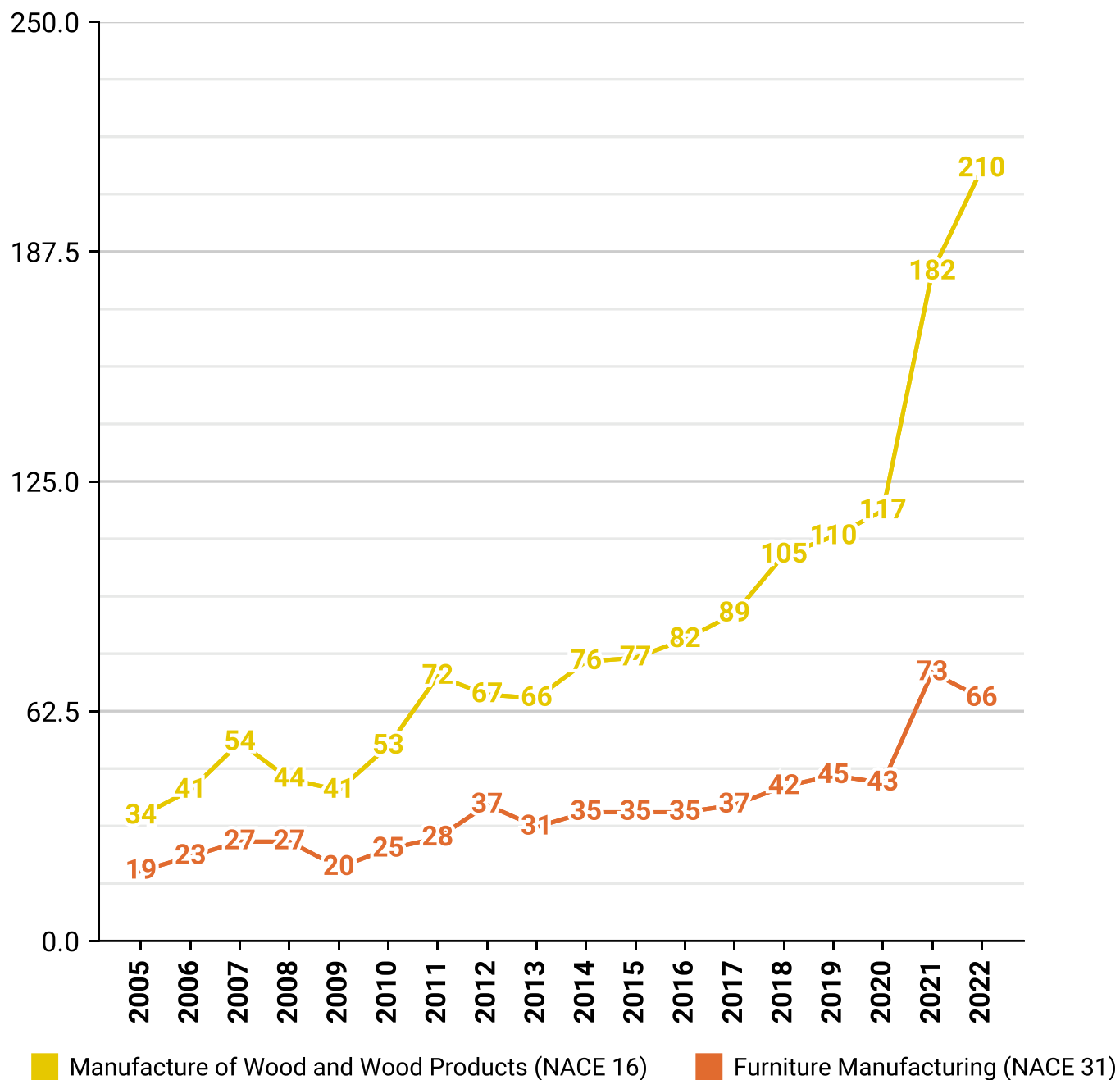
SOURCE: CSB

Profit of Forest sector companies (Million EUR)



SOURCE: CSB

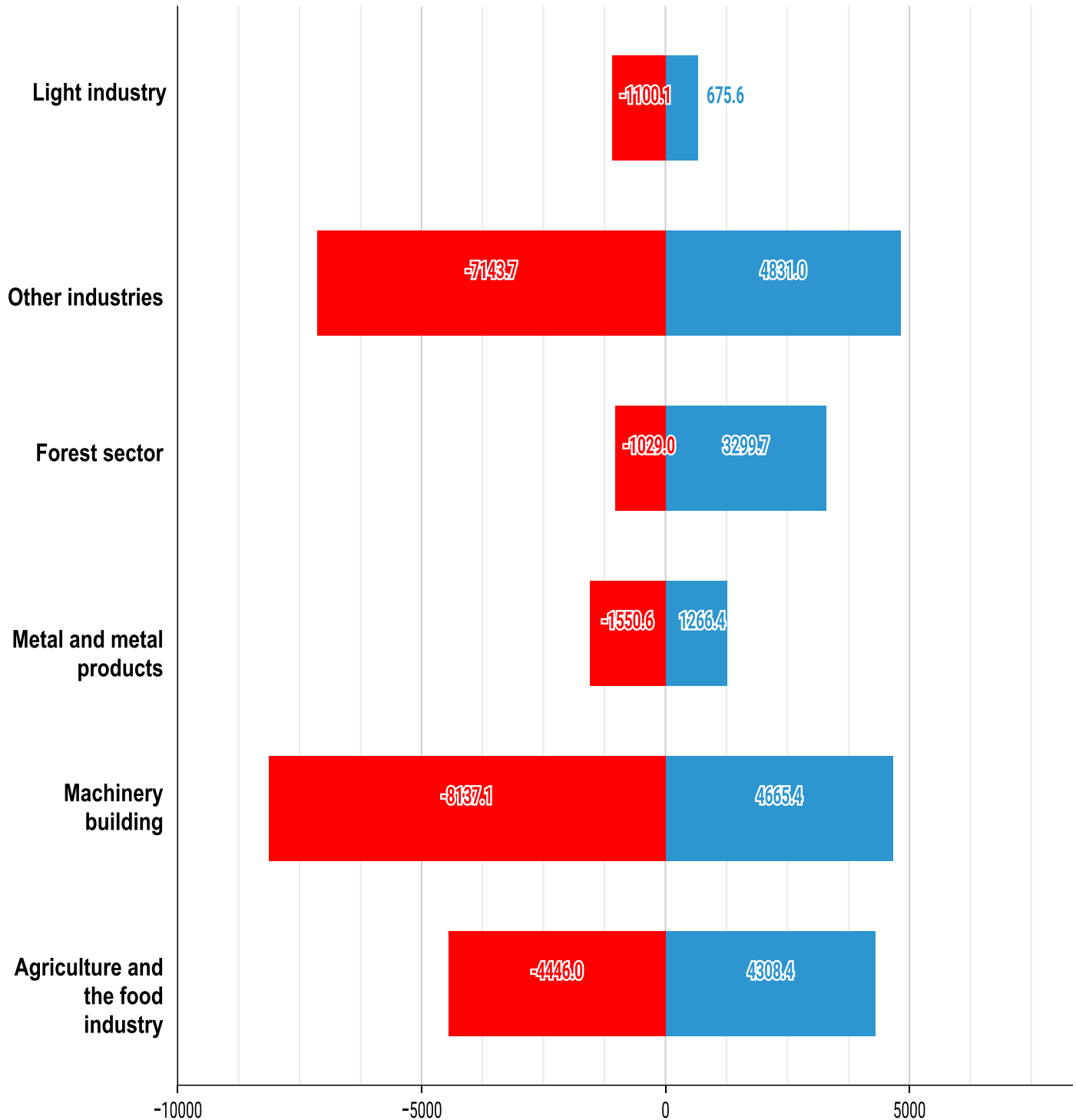
Output per worker in actual prices (Thousand EUR)



SOURCE: CSB

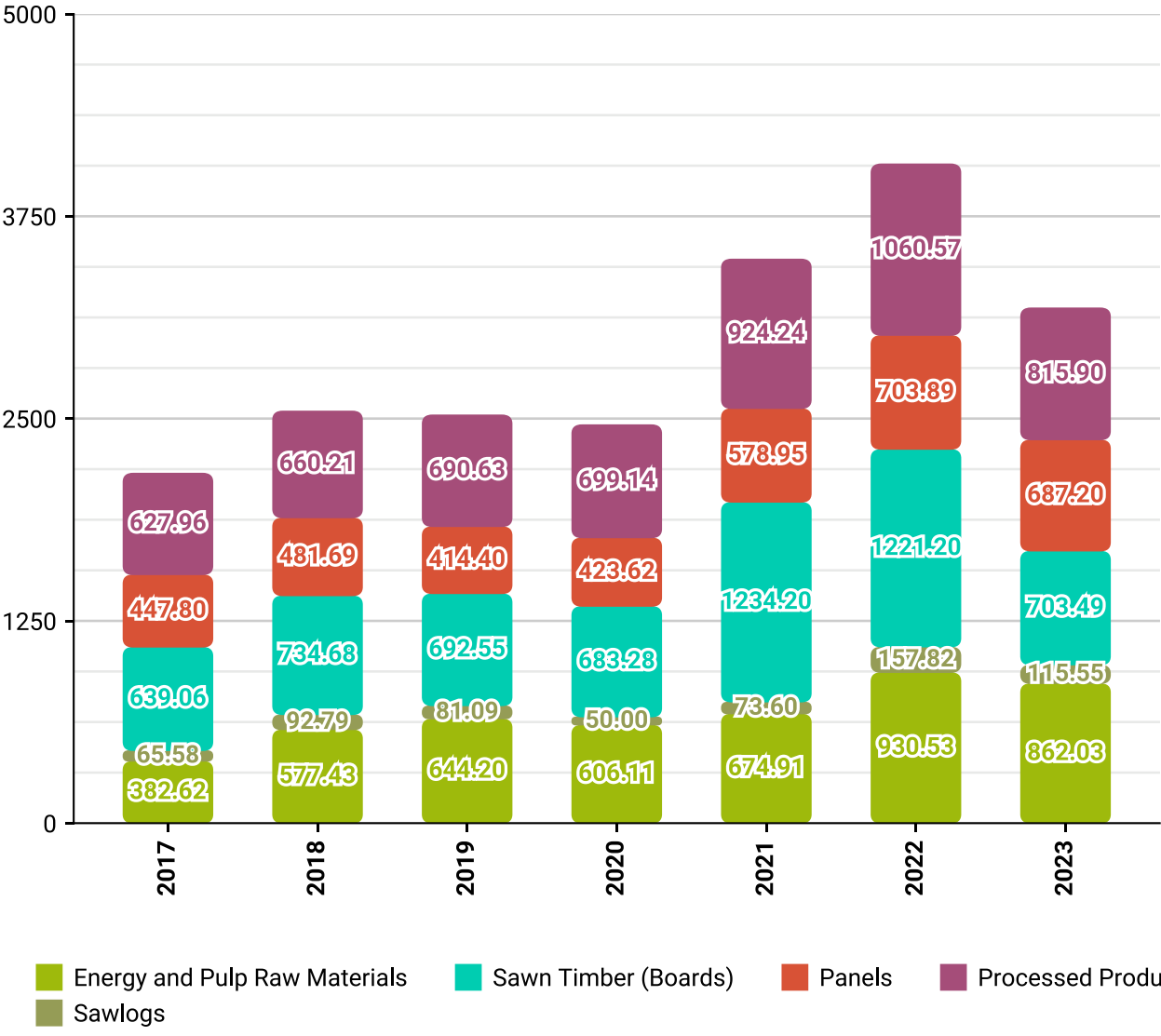
7. Foreign trade

Latvia's Import-Export Balance (Million EUR), 2023



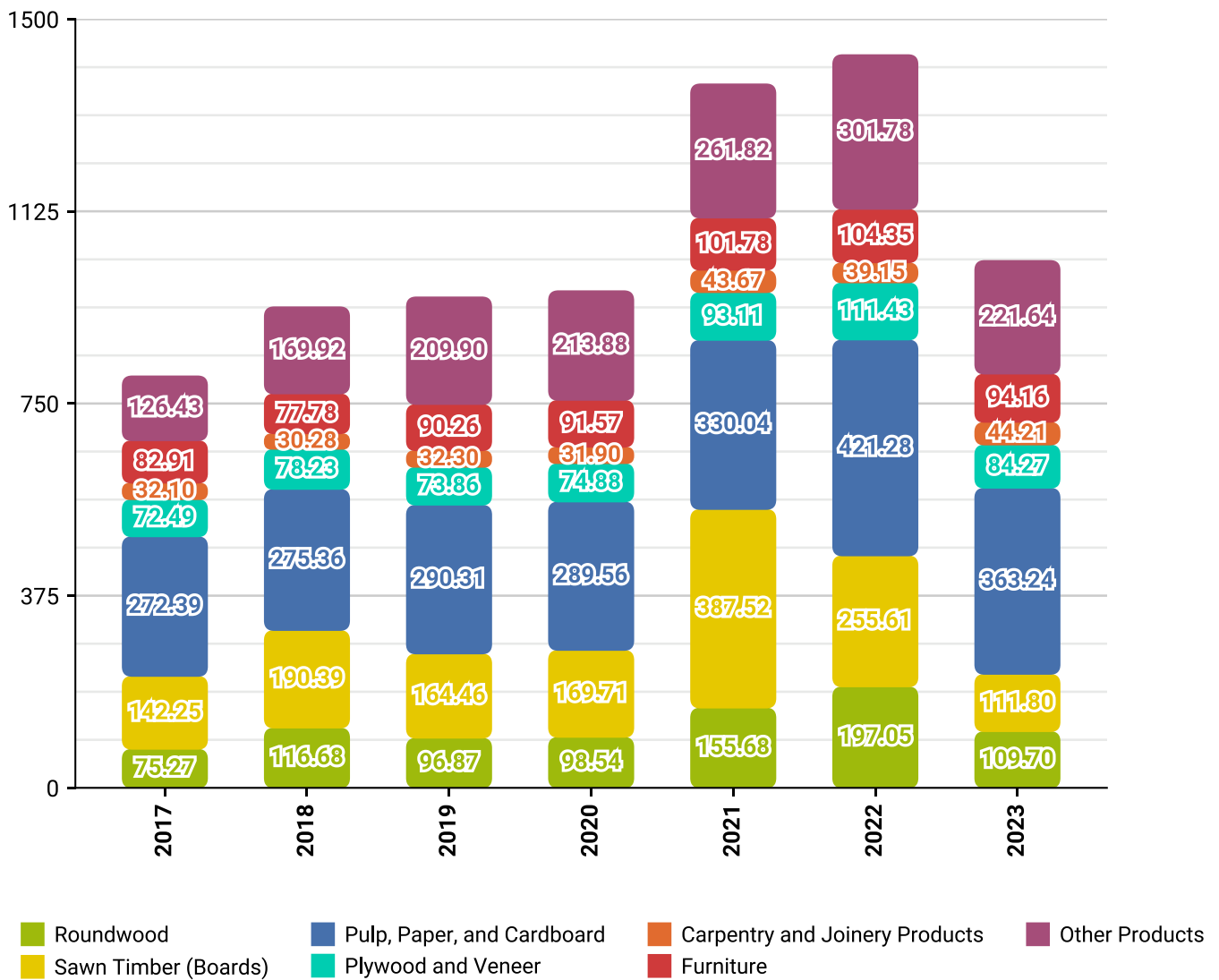
SOURCE: CSB

Forest Sector import development (Million EUR)



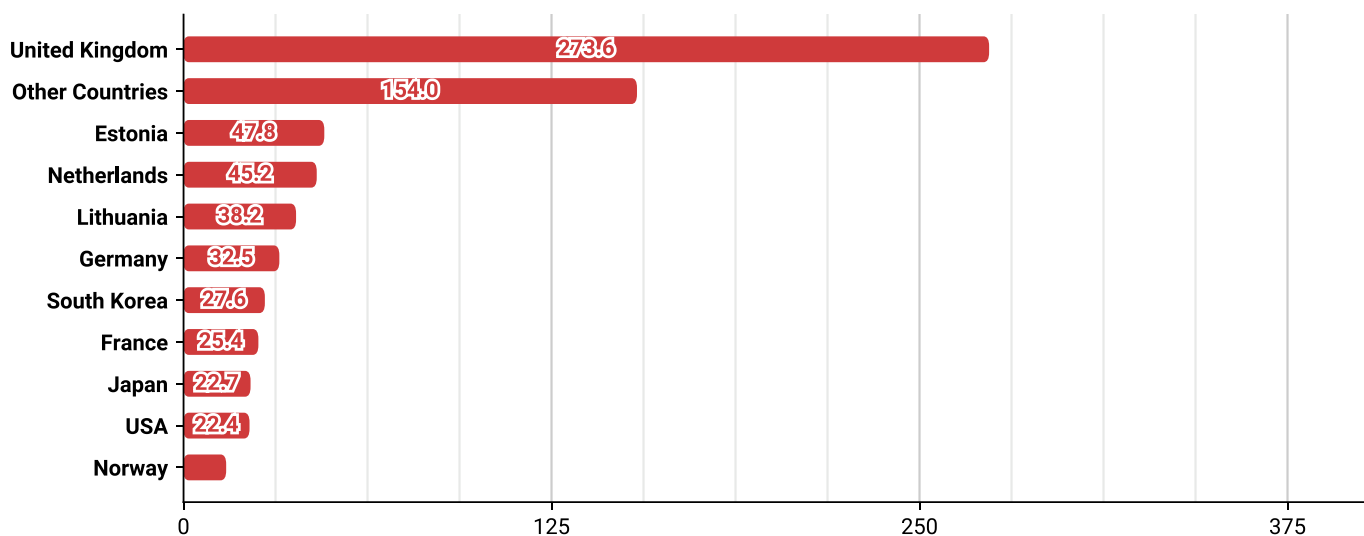
SOURCE: CSB

Forest Sector Export development (Million EUR)



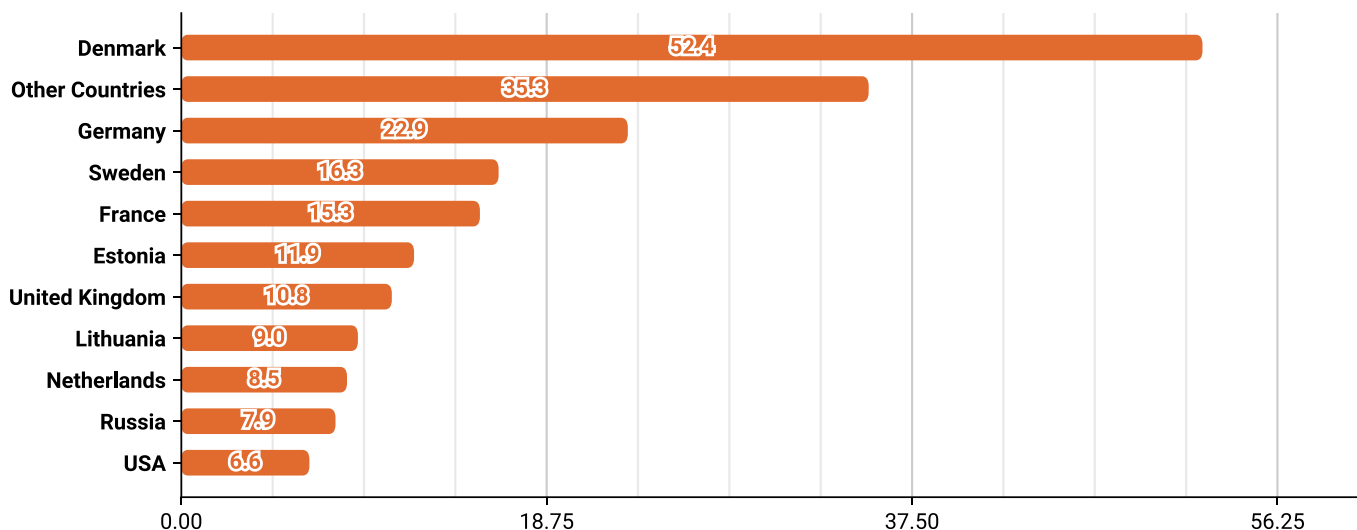
SOURCE: CSB

Export Markets for the Main Products of the Forest Sector, 2023 (Million EUR) Sawnwood



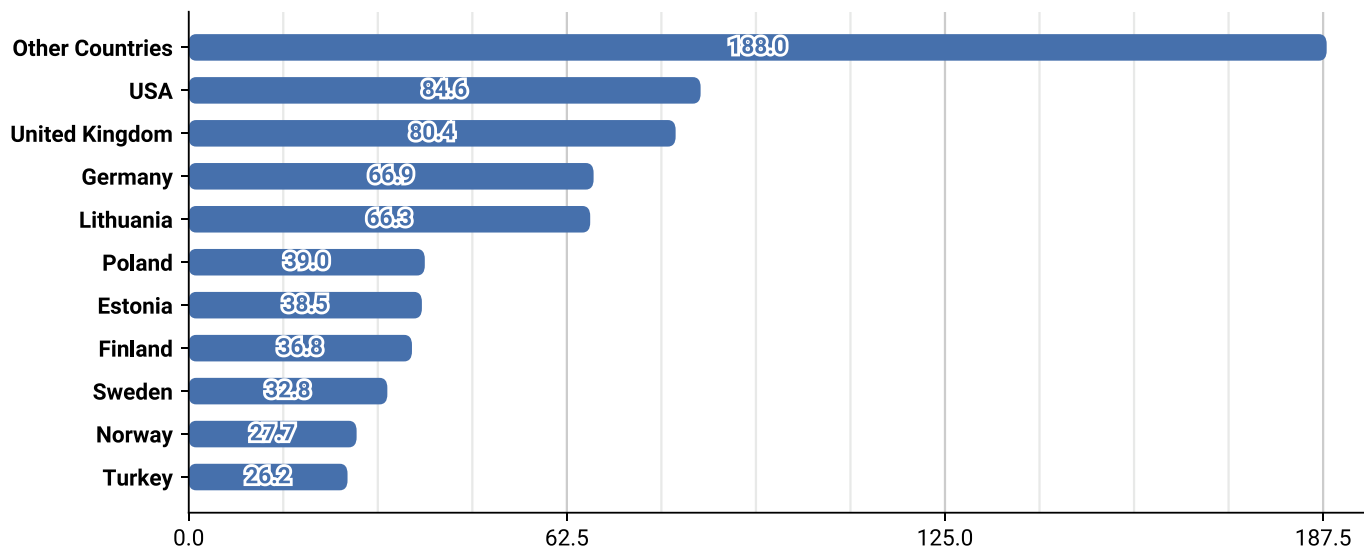
SOURCE: CSB

Export Markets for the Main Products of the Forest Sector, 2023 (Million EUR) Wooden furniture



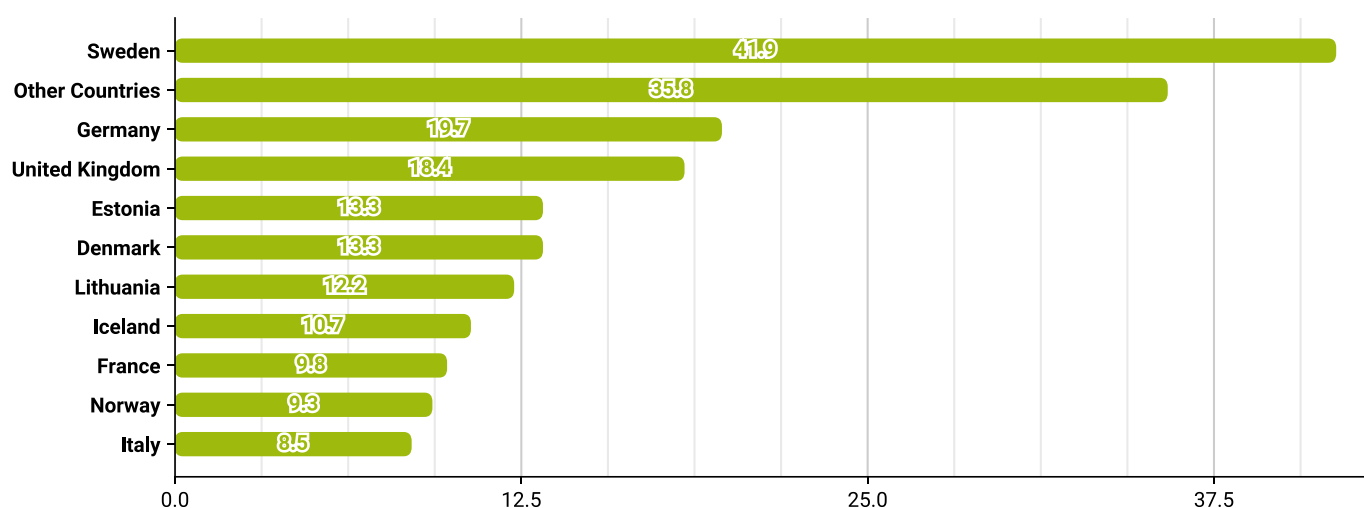
SOURCE: CSB

Export Markets for the Main Products of the Forest Sector, 2023 (Million EUR) Wood-based panels (plywood, veneer, particle board, fibreboard)



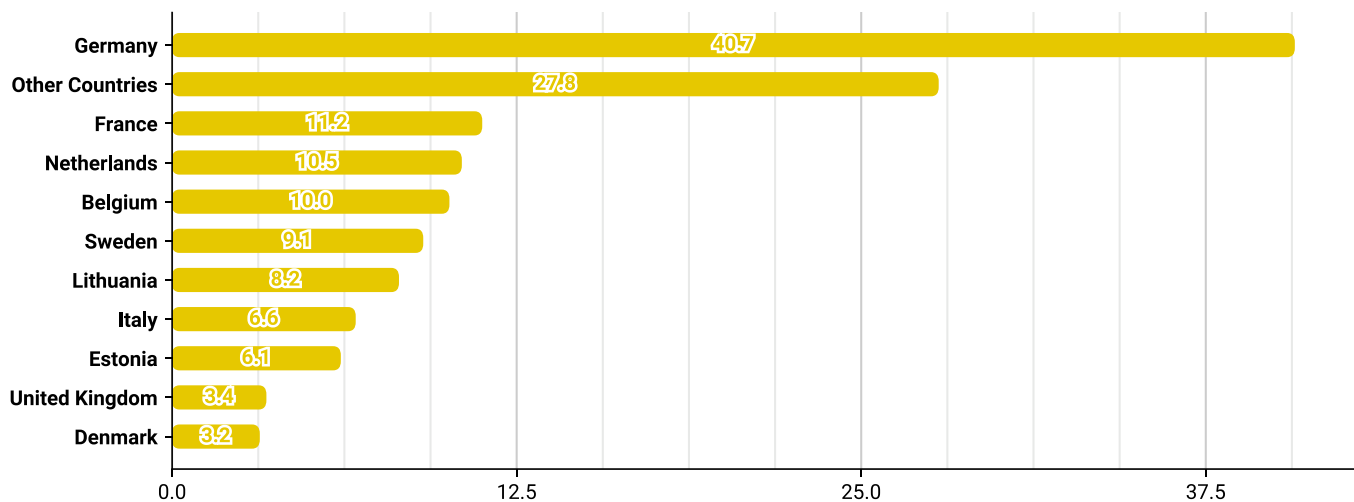
SOURCE: CSB

Export Markets for the Main Products of the Forest Sector, 2023 (Million EUR) Joinery and carpentry products



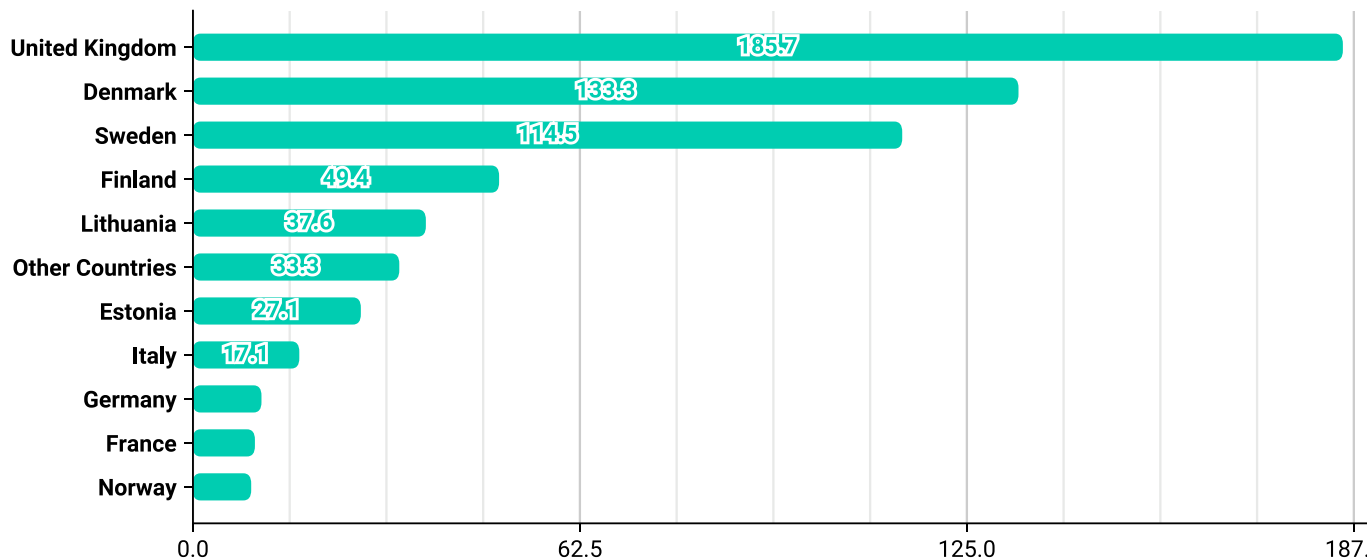
SOURCE: CSB

Export Markets for the Main Products of the Forest Sector, 2023 (Million EUR) Packaging products



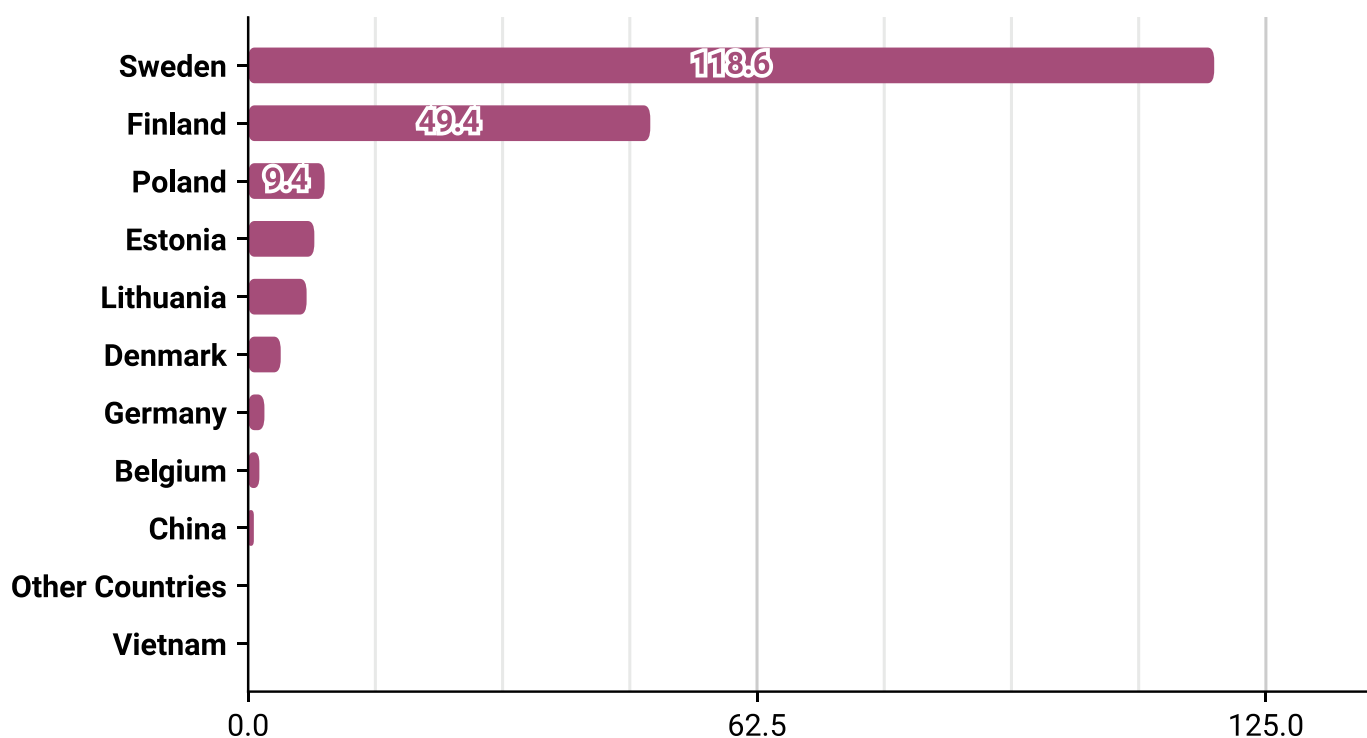
SOURCE: CSB

Export Markets for the Main Products of the Forest Sector, 2023 (Million EUR) Firewood



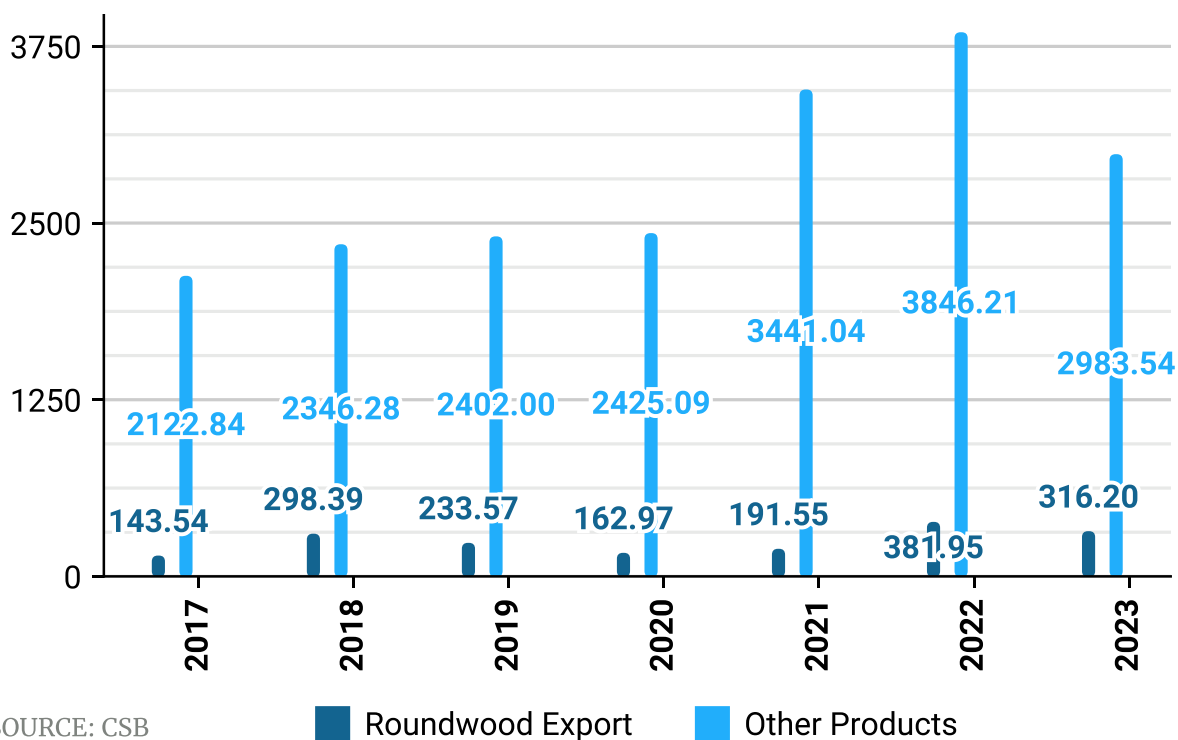
SOURCE: CSB

Export Markets for the Main Products of the Forest Sector, 2023 (Million EUR) Pulpwood



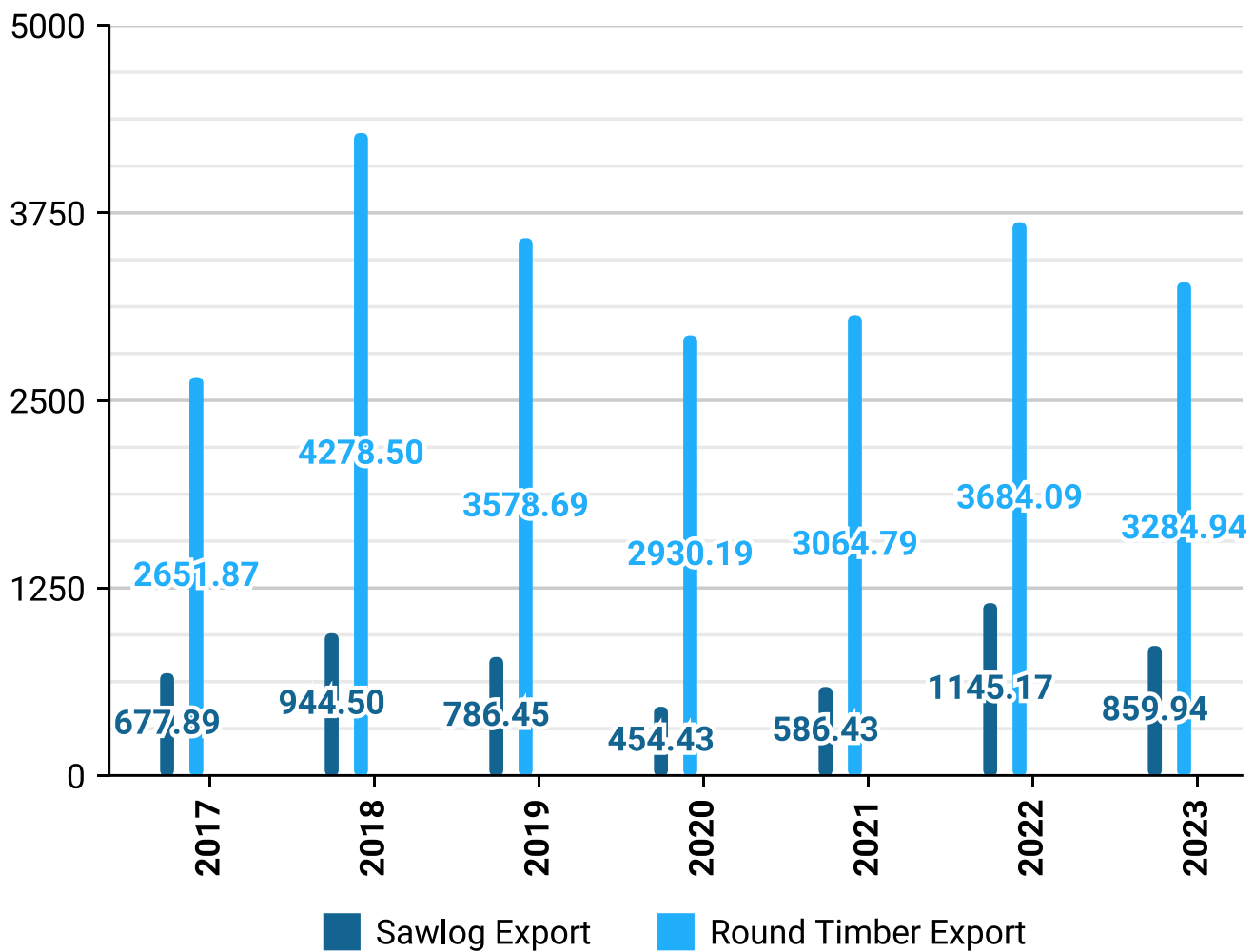
SOURCE: CSB

Proportion of Round wood in forest sector export (Million EUR)



SOURCE: CSB

Proportion of sawn logs in wood export (Thousand m3)



SOURCE: CSB

8. Forest sector and society

Territories in which recreation is one of the main areas of forest management takes up 8% of forestland in Latvia. Viewing platforms, educational trails, cultural and historical destinations, areas for picnics – those are just a few of the leisure infrastructure objects that are found in Latvia's forests. They are open to one and all at no cost at all. Special attention to improving such areas has been paid to state-owned forests.

The areas of recreation-based forestland include national parks (except reserves), nature parks, protected landscape areas, protected dendrology plants, protected geological and geomorphologic monuments, nature parks of local importance, the protected zone of dunes along the shores of the Baltic Sea, protected zones around cities, and forests in the administrative territories of cities.

Specially protected natural areas are supervised and managed by the Nature Conservation Agency of the Ministry of Environmental Protection and Regional Development.

9. Education

Education in the area of the forest sector can be obtained at 10 professional educational institutions, the Forest Faculty of the Latvian Agricultural University (LBTU), and the Textile Technology and Design Institute of the Rīga Technical University's Faculty of Material Sciences and Applied Chemistry. The Latvian Chamber of Craftsmanship has offered informal wood processing training sessions taught by experienced craftspeople. Graduates from such programmes receive a craftsman's card or a diploma as an apprentice or master craftsman.

Vocational schools where an education related to the forest sector can be obtained

Aizkraukles Profesionālā vidusskola	apvs.lv
Smiltenes tehnikuma Alsviķu teritoriālā struktūrvienība	smiltenestehnikums.lv
Kandavas Lauksaimniecības tehnikuma Cīravas teritoriālā struktūrvienība	ciravasskola.lv
Daugavpils Būvniecības tehnikums	dbt.lv
Jelgavas Tehnikums	jelgavastehnikums.lv
Kuldīgas Tehnoloģiju un tūrisma tehnikums	kuldigastehnikums.lv
Ogres tehnikums	ovt.lv
Liepājas Valsts tehnikums	lvt.lv
Rīgas Tehniskā koledža	rtk.lv
Rīgas Valsts tehnikums	rvt.lv
Rēzeknes tehnikums	rezeknestehnikums.lv
Rīgas Mākslas un mediju tehnikums	rmmt.lv
Vidzemes Tehnoloģiju un dizaina tehnikums	vtdt.lv

10. Science

Latvian State Forest Research Institute „Silava” field of activity:

Research and knowledge transfer

- **Growing of forest stands**
 - Forest genetics and breeding
 - Forestry and forest resources
 - Forest biotic risks
 - Improving the growth conditions of forest
- **Interaction between forestry and the environment**
 - Impact of forestry on forest, swamp and aquatic ecosystems
 - Impact of environmental factors on forest ecosystems
 - Diversity of Latvian forests in a populated environment
- **Forest non-timber and ecosystem services**
 - Forest energy
 - Carbon sequestration in forest and non-forest ecosystems
 - Non-timber forest products
 - Social functions and values of the forest
- **Tree plantations outside the forest**
- **Forest technologies**
 - New forestry technologies
 - Transfer of forestry technologies
- **Forest fauna and game management**

Supporting competences of forest science

- Forest economics
- Forest remote research and GIS
- Unmanned forestry technology
- Implementation of genetic analysis methods
- Methodology of forest ecosystem services evaluation
- Plant physiology
- Forecasting and modelling of forest wood resources
- Interaction of forest and climate

State delegated functions

- Genetic Resource Centre
- National Forest Monitoring Program
- Accounting for GHG emissions and CO₂ sequestration in the land use, land use change and forestry sectors
- Evaluation of suitability of reproductive material produced in other countries for use in Latvia

www.silava.lv

Latvia University of agriculture Forest faculty field of activity

Research of forest ecology and forestry

The objective is to create and develop ecologically and agronomically reasoned methods and practices for forest restoration, maintenance and use in order to facilitate the creation of productive forest stands of high ecological quality. The main emphasis of the research has been placed on the comprehension of functioning regularities of the forest as an ecosystem, modelling the pace of stand growing and the increase of the growing stock, as well as the assessment of forestry risks in the forest growing process within the forestry cycle.

Influence of forest work and machinery on the ecosystem of the forest, assessment of the derived products, and quantitative and qualitative indicators of measurement

The objective is to assess the influence of different forest management and logging technologies on the ecosystem of a forest and compliance with forestry requirements, thus ensuring the quality of a forest. When working in the forest, wood products are moved, therefore it is important to determine and qualify the physical and mechanical characteristics of round wood, typical for the region of Latvia, by assessing the forest infrastructure's impact on the forest ecosystem.

Forest resource economy and forest management planning

The objective is to carry out research in the forestry economy, forest resource calculation and management planning by developing information technology solutions in cooperation with companies of the sector. The quality of forest inventory and the planning methods of forest management have a significant influence on the rational use of forest resources. By improving the quality of forest inventory and the planning of forest management, it is possible to increase the efficiency of the forest resource use and the capital value of the forest by 2.7 times.

Research of wood materials and technologies

The objective is to ensure the operation of a multi-functional forestry industry that is based on wood resources, where the main precondition in daily use and construction is the competitiveness of the wood products.

www.mf.llu.lv

Latvian State Institute of wood chemistry field of activity:

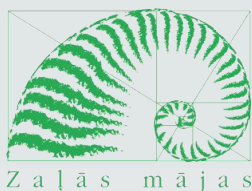
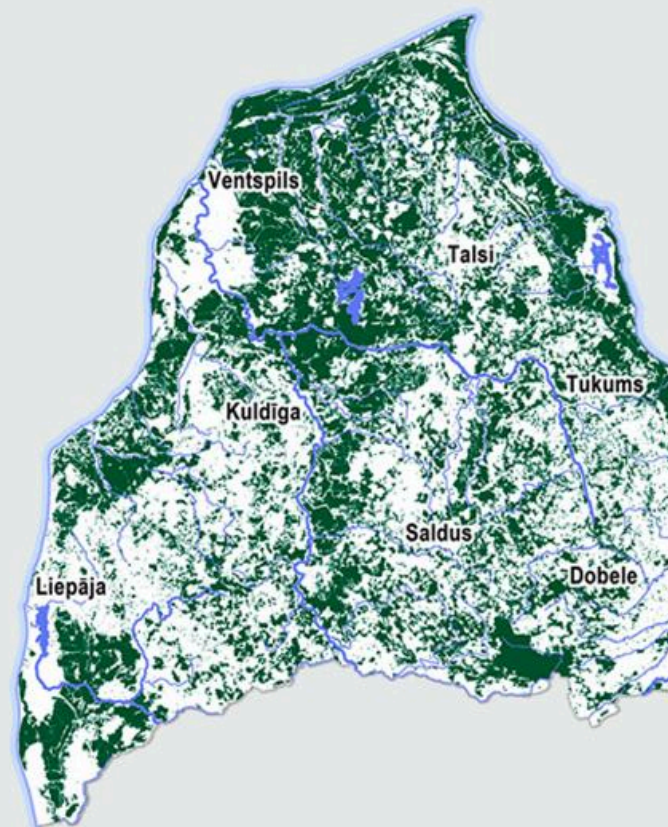
The development of scientifically grounded, environmentally friendly, wasteless technologies for obtaining of competitive materials and products from wood and wood biomass.

www.kki.lv

Forest and Wood Products Research and Development Institute field of activity:

- Materials & technologies
- Fire safety
- Energetics
- Economy

www.e-koks.lv



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Address: Skaistkalnes iela 1, Rīga, Latvija, LV-1004
E-mail: info@zalasmajas.lv

AWAITING INFORMATION