

RADE

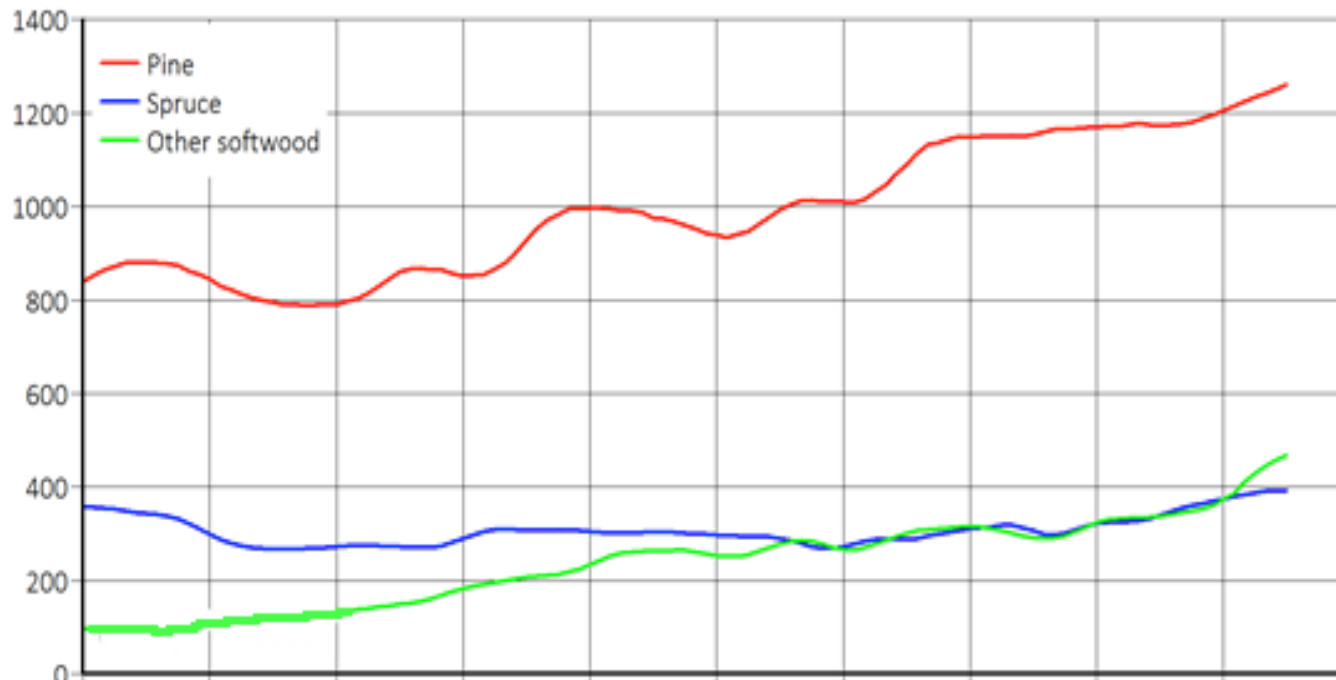


RESOURCES

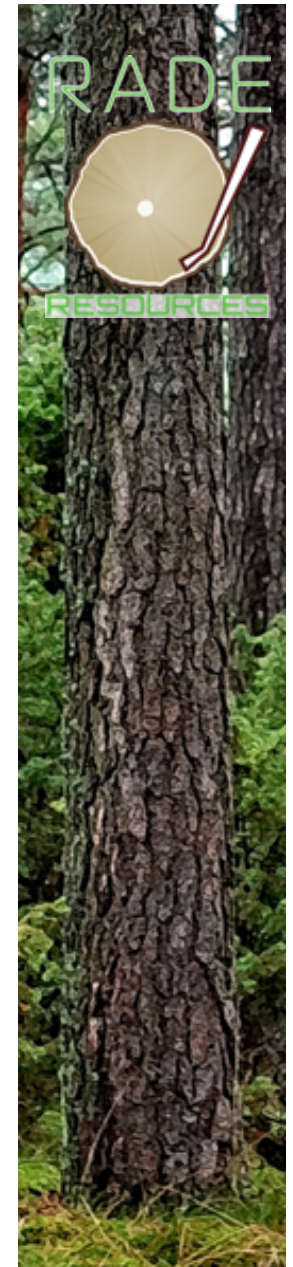
IMPORTED TIMBER FROM RUSSIA

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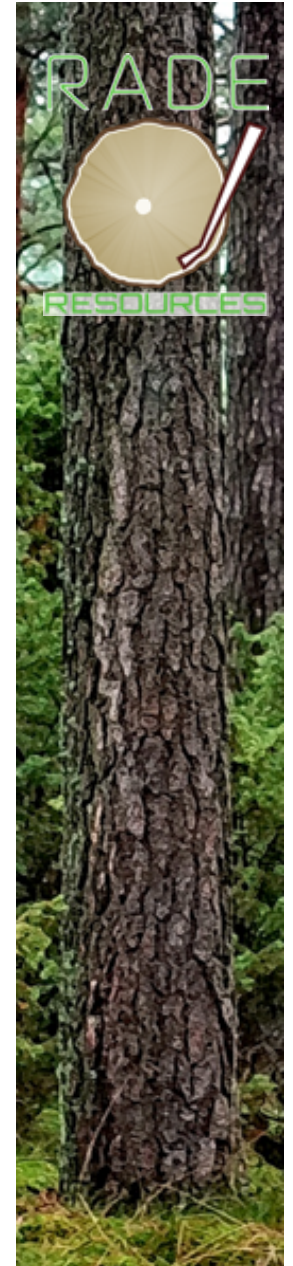
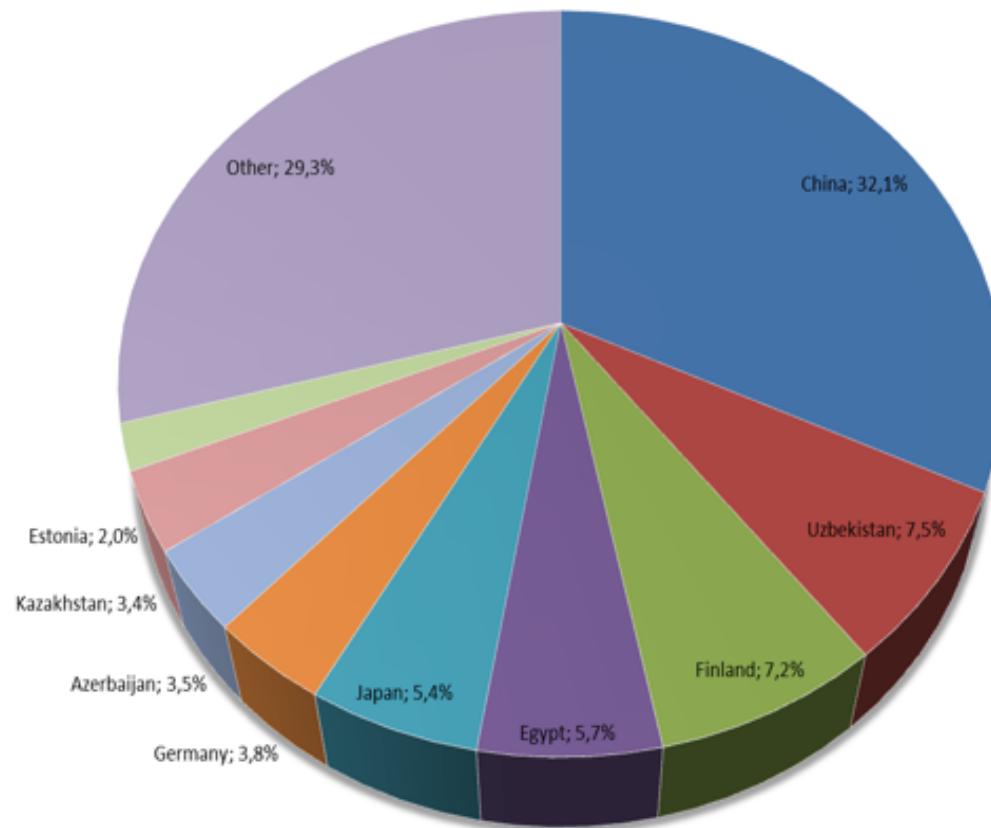
Russia's Timber Exports.



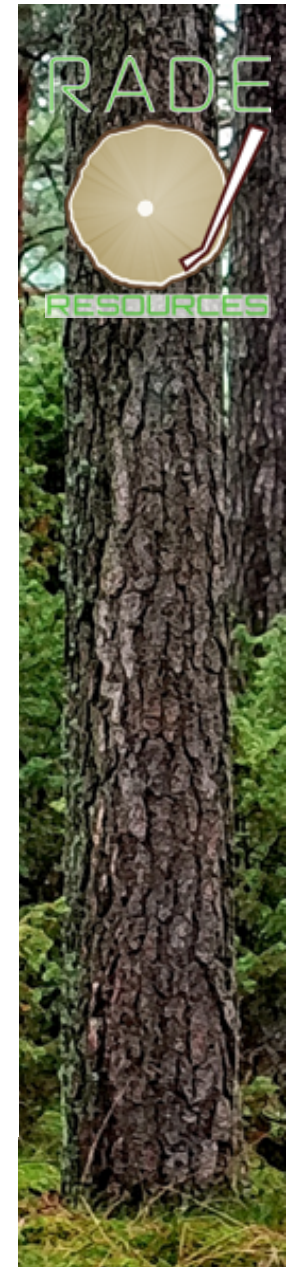
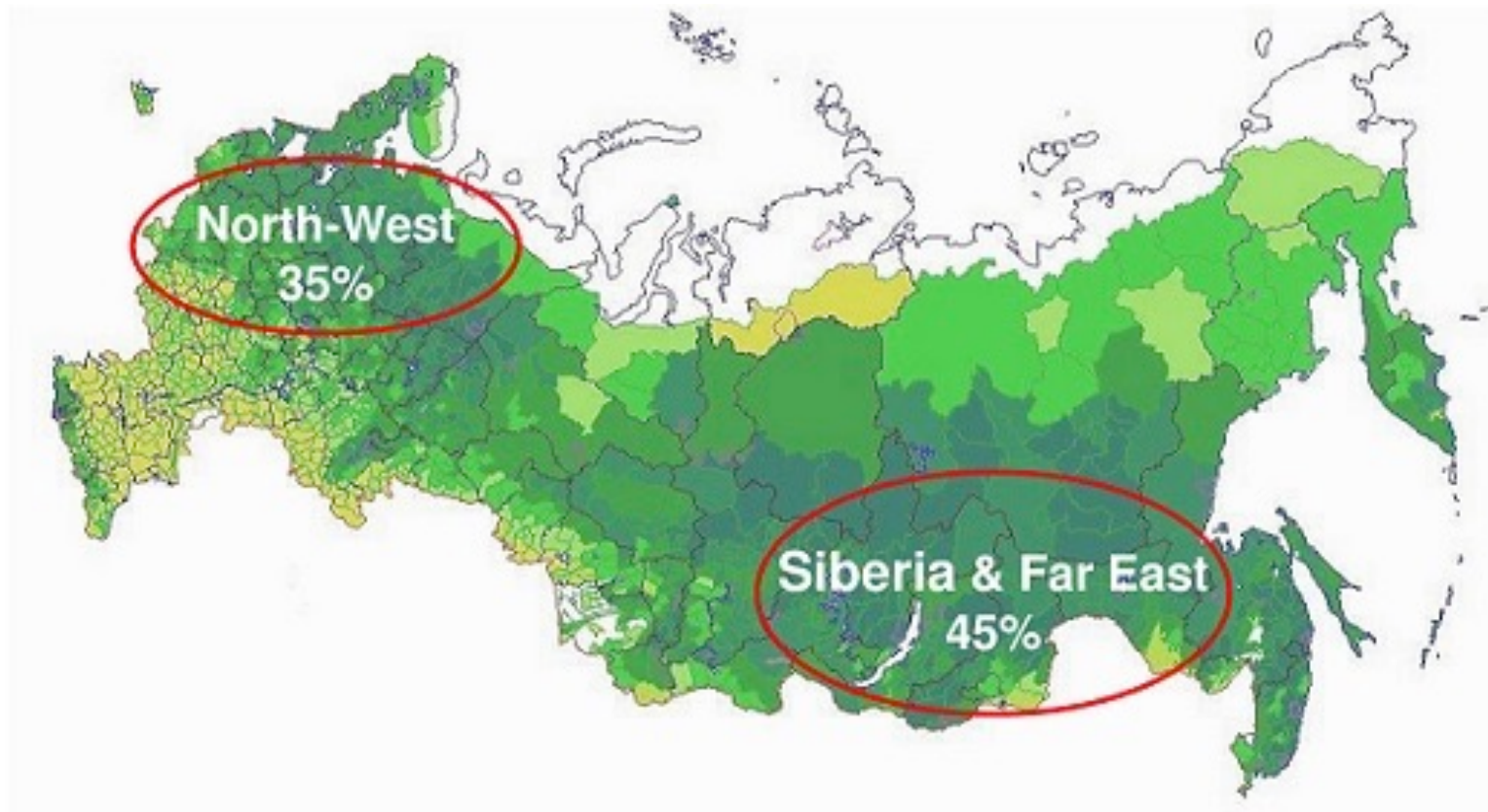
In Jan-Aug 2017 Russia exported 12.156 million tones of sawn timber worth \$2.58 billion.



Russia's Major Timber Export Markets.



Russia's Timber Producing Regions



Russia's Main Tree Species

- **Coniferous:**

- Pine** (*Pinus sylvestris*).

- Spruce** (*Picea abies*).

- Larch** (*Larix sibirica* / *Larix desidua*).

- Fir** (*Abies nephrolippis*).

- Siberian Pine** (*Pinus siberica*).

- **Deciduous:**

- Aspen** (*Populus tremula*).

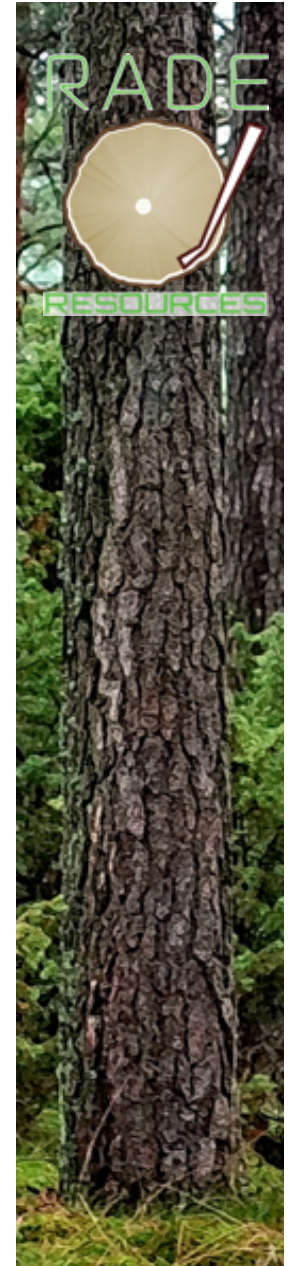
- Beech** (*Fagus sylvatica*).

- Birch** (*Betula pubescens*).

- Ash** (*Fraxinus excelsior*).

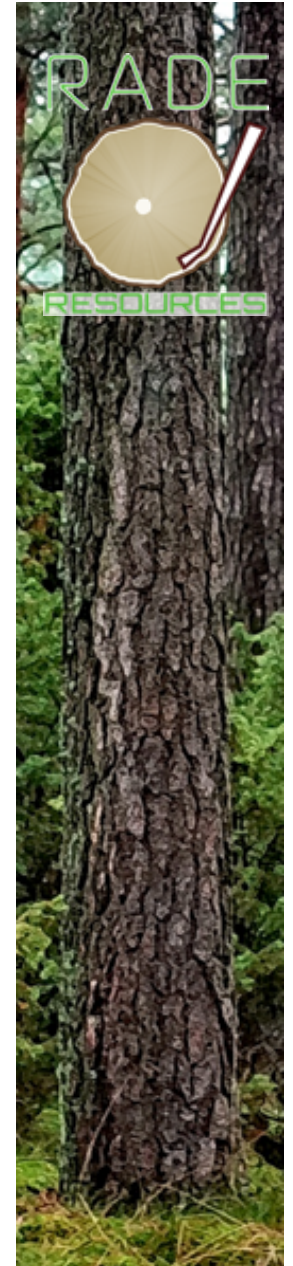
- Elm** (*Ulmus laevis*).

- Oak** (*Quercus robur*).



Russia's Main Coniferous Exports.

- **Pine** (*Pinus sylvestris*)
light sapwood, reddish heartwood
Density: light (520 kg/m³)
Hardness (brinell): so (2.4)
Uses: panels, window and door frames, furniture, plywood, construction.
- **Spruce** (*Picea abies*)
Light yellow/white in colour, homogenous
Density: light (470 kg/m³)
Hardness (brinell): so (1.3)
Uses: construction, glue lam, LVL, plywood, exterior cladding, panels.
- **Larch - Siberian** (*Larix sibirica*) & **European** (*Larix decidua*)
yellowish sapwood, red heartwood, strong grain pattern
Density: heavy/moderately heavy (550 - 650 kg/m³)
Hardness (brinell): so (European) to medium (Siberian 3.2)
Uses: terrace deckings, panels, construction, furniture, veneer, plywood.



Common Russian Coniferous Timber.



Pine



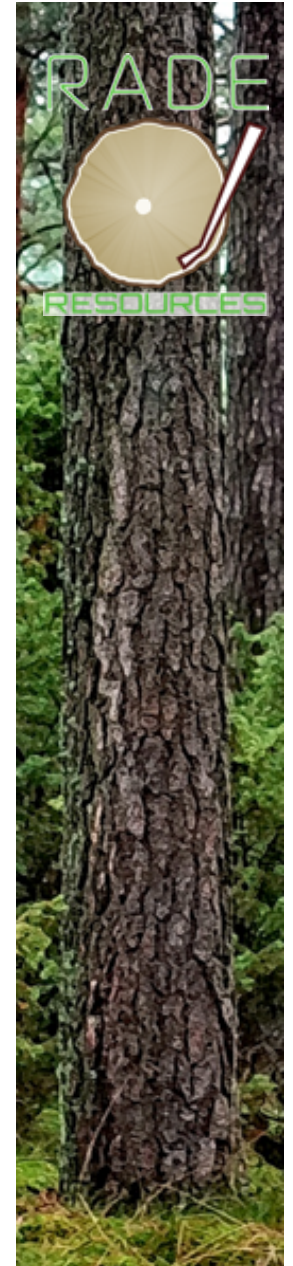
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Larch

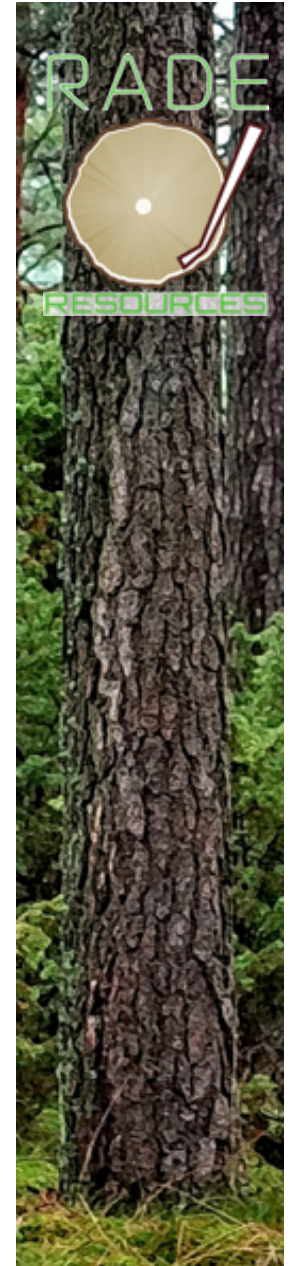
Spruce

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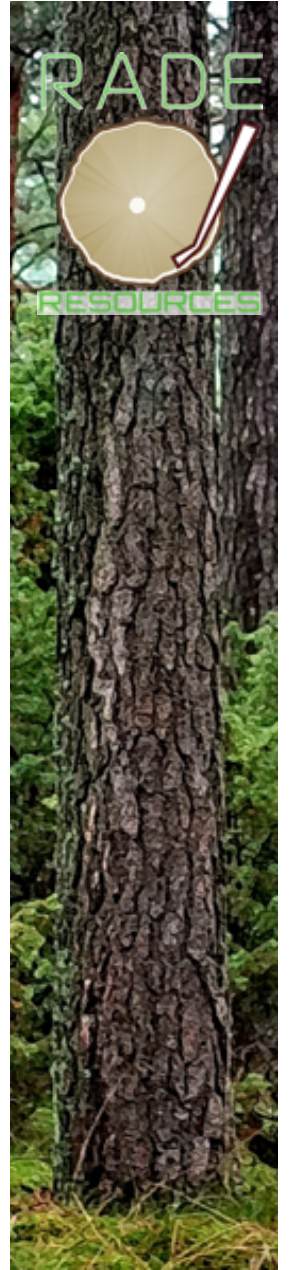


Russia's Main Deciduous Exports.

- **Aspen** (*Populus tremula*)
White and homogenous in colour, no patterning.
Density: light (440 kg/m³)
Hardness (brinell): soft (approx. 1.1) or or 380 lbf (1,650 N) on Janka scale.
Uses: boxes, plywood inner, panels, furniture, matches.
- **Beech** (*Fagus sylvatica*)
Pale cream colour with Pink hue, straight grain, fine to medium uniform texture.
Density: moderately heavy (white birch 710 kg/m³ - silver birch 650 kg/m³)
Hardness (brinell): moderately hard (2.8 to 5.8) or 450 lbf (6,460 N) on Janka scale.
Uses: furniture, plywood, floors.
- **Birch - Silver** (*Betula pendula*) and **White** (*Betula pubescens*)
White in colour, good bending characteristics, structurally homogenous.
Density: moderately heavy (white birch 610 kg/m³ - silver birch 650 kg/m³)
Hardness (brinell): moderately hard (2.2 – 2.7) or 1,260 lbf (5,610 N) on Janka scale.
Uses: furniture, plywood, floors.



Common Russian Deciduous Timber.



Beech



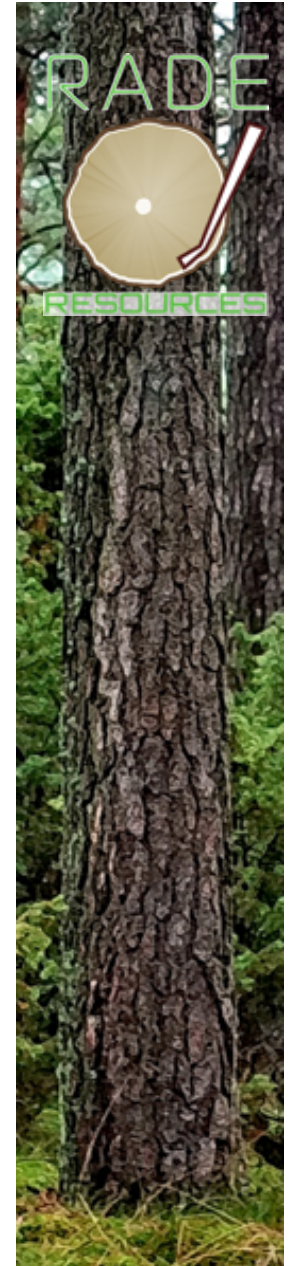
Birch



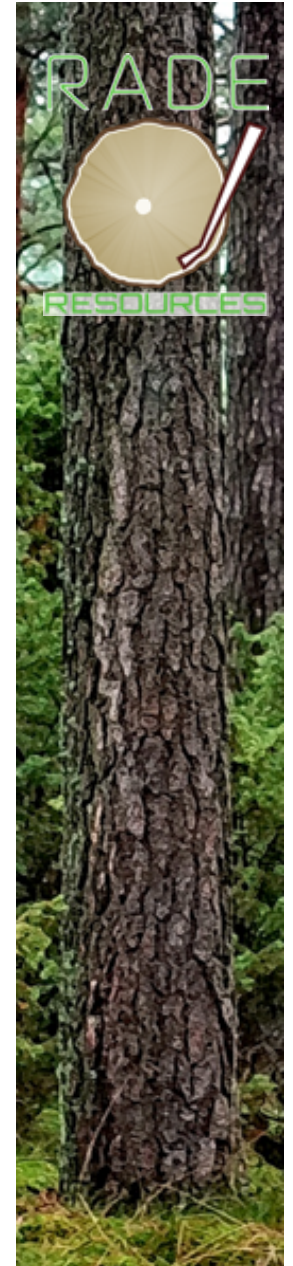
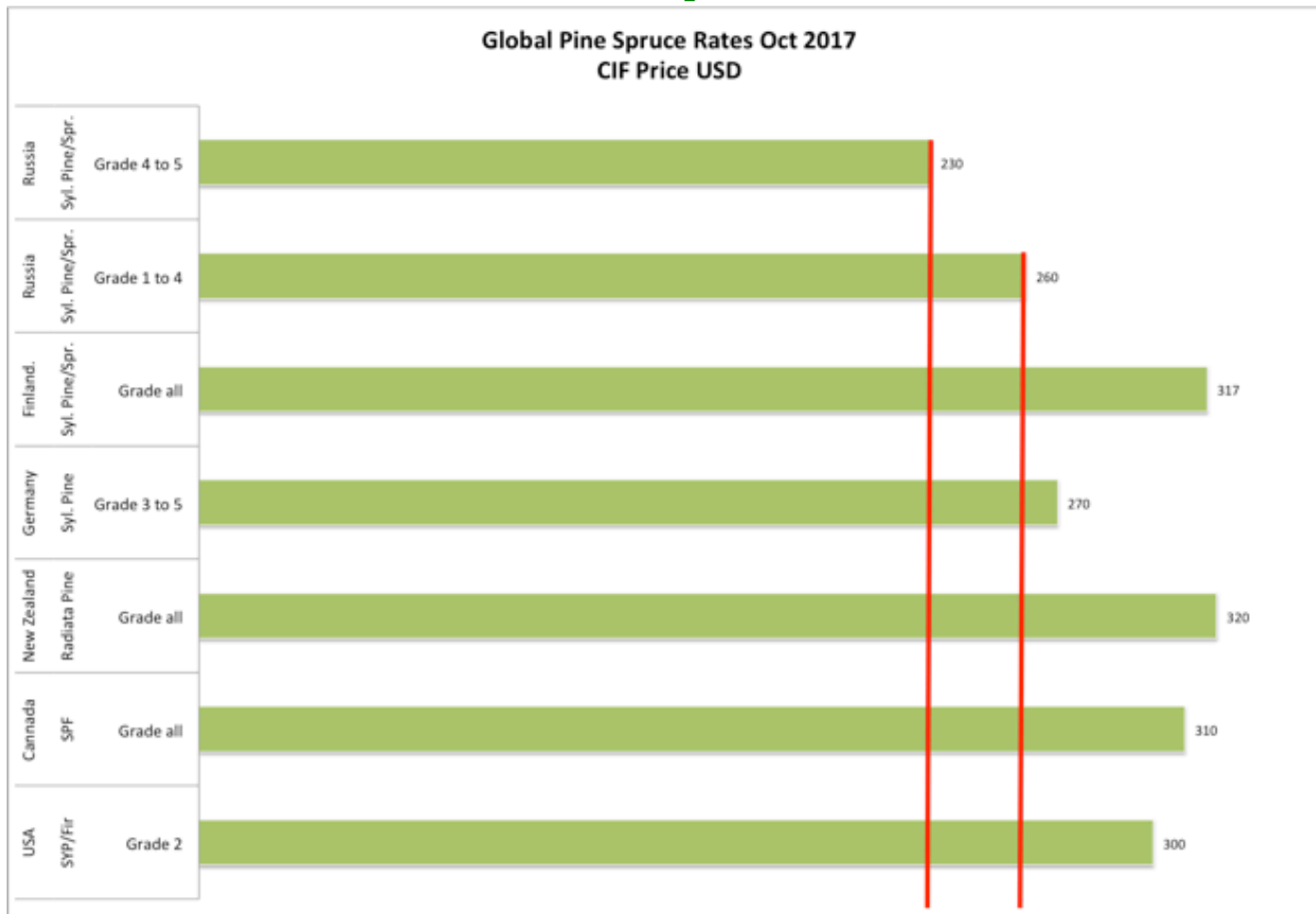
Aspen

Advantages of Russian Wood.

- About 45% of the land is covered by forest: 1,179 million hectares.
- Wood growing stock: 82.1 billion cubic meters.
 - coniferous 77%
 - deciduous 23%
- Wood comes from virgin forests, not planted forests.
- All exported Timber is KD 13-18% with Phytosanitary certification.
- Most of the timber comes with FSC certifications.
- Higher density wood due to having grown in colder climates.
- Most modern sawmill and drying technology.
- Cheaper than comparable European and American timber.
- Strong government regulations and law enforcement.
- Many Timber companies have foreign investors and international presence.

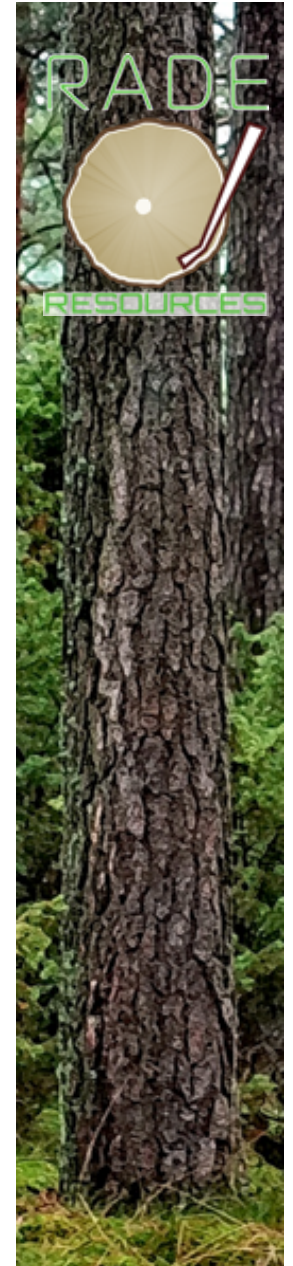


Global Price Comparison Softwood.

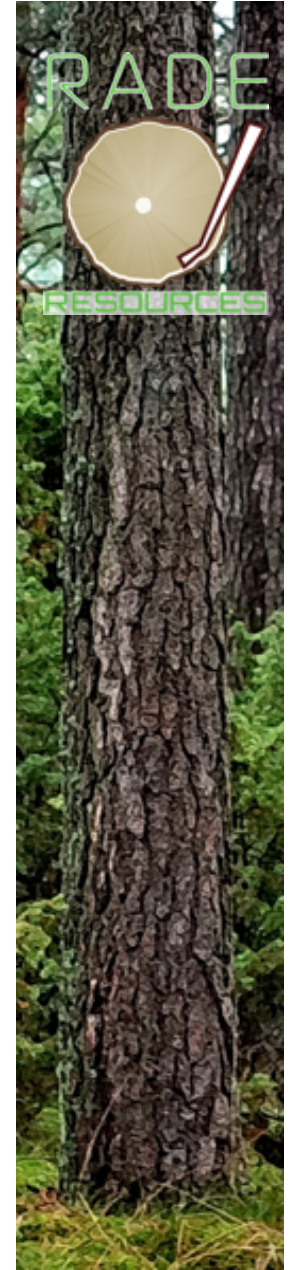


Grading

- Russia follows its own GOST grading system.
- Sawn softwood for exports usually follows GOST 26002-83.
- Some factories also follow GOST 9302-83.
- Inferior Domestic construction wood grading is as per GOST 8486-86.
- Most mills offer material as per 0-6 grading as per GOST 26002-83.
- Grade 0-1, are considered the best grades and 4-5 most inferior.



Different grades



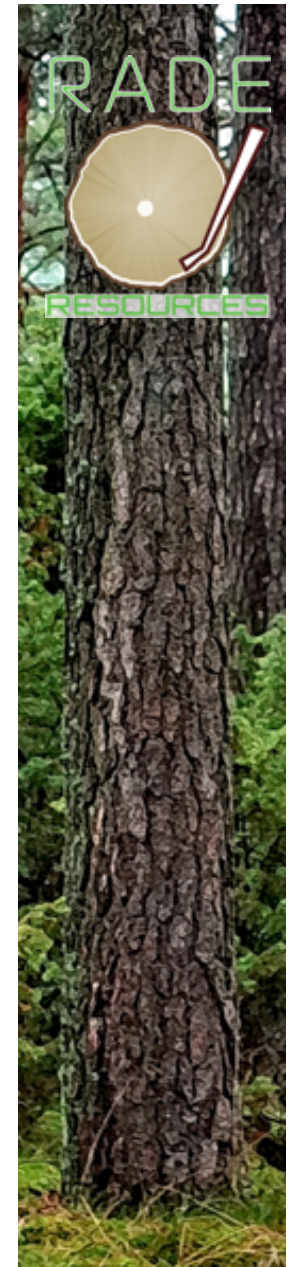
Standard Sawing Sizes

	75	100	120	125	150	175	200	220	245
15	X	X							
19		X							
22		X	X	X	X	X			
25		X	X	X	X				
30		X	X	X	X	X	X	X	
32		X	X	X	X	X	X	X	
36		X		X	X	X	X	X	
38		X		X	X	X	X		
44		X			X	X	X	X	
47		X							
50		X		X	X	X	X	X	
63				X	X	X	X		X
75					X		X		

This is an indicative list of common sizes and is not available with every sawmill.

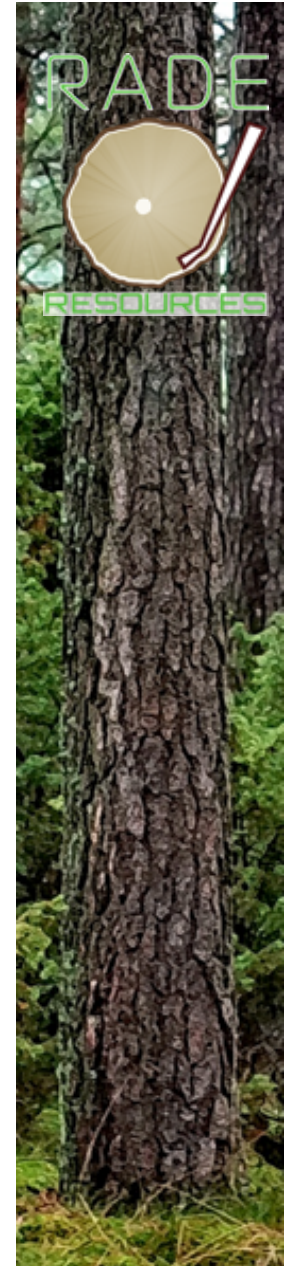
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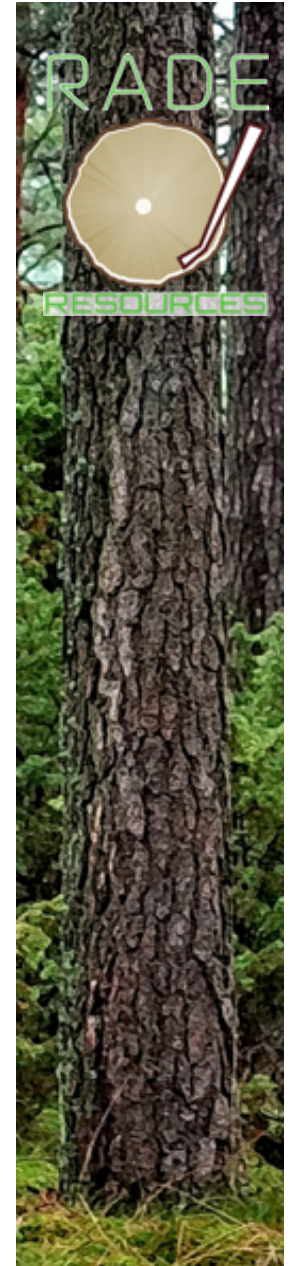
Challenges.

- Large Sawmills don't entertain small orders.
- Mills are often found in interior and difficult to locate places.
- Communication issues due to most people not speaking English.
- Challenges in organizing logistics and sea freight.
- Most mills only cut timber as per their own standard sizes.
- Orders are are not processed without an advance payment .
- Many sawmills are not very proficient in Export formalities.
- Non coniferous timber is usually supplied by small mills only.
- Sorting of timber only as per Russian GOST standards.



About Us.

- We have direct access to a number of leading sawmills in Russia.
- We have a database of products of each major mill.
- In touch with some of the leading logistic companies in Russia.
- Fluent in Russian, both written and spoken.
- Familiar to Russian regulations and documentation processes.
- Know reputable suppliers of both softwood and deciduous timber.
- Can find the right product or supplier in the shortest time.
- We can carry out background checks of suppliers.
- Regularly visit Russia and are familiar with the country.
- We work as sourcing agents, commission agents, representatives for buyers.



THANK YOU

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