

КРАСНОЯРСКИЙ КРАЙХАКАСИЯТЫВАKRASNOYARSK REGIONКНАКАSSIAТУVА

TIMBER INDUSTRY OFFERS

ЕНИСЕЙСКАЯ СИБИРЬ YENISEY SIBERIA

КРАСНОЯРСКИЙ КРАЙ ХАКАСИЯ ТЫВА KRASNOYARSK REGION KHAKASSIA TYVA

Оргхим

SIBERIAN FOREST CHEMICAL PLANT



SIBERIAN FOREST CHEMICAL PLANT

The project involves the use of the capacities of the functioning plant for the production of deeply processed chemical products for organizing its own production of a related or other profile.

SPECIALIZATION OF EXISTING PRODUCTION

- pine oil
- terpineol
- cable rosin
- granulated rosin and rosin esters

OWNER

Siberian Wood Chemical Plant, AO (part of the structure of the Biochemical Holding - Orgkhim).

LOCATION

Krasnoyarsk Territory, Lesosibirsk city.



Yenisei river

Lesosibirsk

PROJECT GEOGRAPHY

Angara river

Ckarabula village

LOCATION

P-255

Lesosibirsk city: to the railway station - 0.5 km; to the center of Lesosibirsk - 10 km; to Krasnoyarsk - 300 km.

58.15827731659081, 92.57738247457917

Krasnoyarsk

P-257

04K-044

Achinsk city

P-255



FREIGHT RALWAY STATION water transshipment **PROJECT GEOGRAPHY**

Land plot **24:52:0010512:51**

65 ha Land area

22 thousand Production storage area sq. m

5 Railway dead-end track

1630 Total length of railway tracks on the site

LESOSIBIRSKY RIVER PORT



ENGINEERING INFRASTRUCTURE

ENERGY SUPPLY HEAT SUPPLY



Electrical substation 26 MW installed

1.95 MW permitted

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Coal boiler house 3 boilers 3.87 Gcal / h



Electric boiler-house 3 boilers 1.5 MW

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WATER SUPPLY

WATER DISPOSAL

m / year

Water disposal

meters m / year

Water intake

500 thousand cubic

Wastewater treatment plant

47 thousand cubic meters m / year

1800 thousand cubic meters



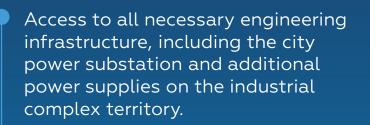
POTENTIAL INDUSTRIES FOR LOCATION



TIMBER CUTTING / WOOD PROCESSING PRODUCTION



CHEMICAL ORGANIC PRODUCTION



The proximity of the resource base: by 2028 it is planned to provide more than 1 million hectares of forest on the territory of the Yenisei forestry where there is production site for stockpiling of timber. Specialized production complex in a high degree of readiness for the start of work.

High energy efficiency of the existing production.



LOGISTIC WAREHOUSE COMPLEX

The possibility of buying out land plots and real estate properties by right of ownership.

Favorable location in relation to transport routes: the ability to build a multimodal logistic chain.



PROJECT PARTICIPATION FORMS



PURCHASE OR RENT OF LAND PLOTS

for the implementation of own investment projects and the construction of a new production.

PURCHASE OR RENT OF PRODUCTION AREAS



on the territory of the plant for the implementation of own investment projects, including for the organization of production, warehouse complexes, administrative areas.



BUYING OUT THE WHOLE PROPERTY COMPLEX of operating plant to carry out own activities.

ЕНИСЕЙСКАЯ СИБИРЬ YENISEY SIBERIA

КРАСНОЯРСКИЙ КРАЙХАКАСИЯТЫВАKRASNOYARSK REGIONКНАКАSSIAТУVА



KLM GROUP

Offer: Location of production at one of the company sites, including the supply of raw materials, or the sale of one of the sites



ABOUT KLM GROUP

During its more than a 15-year history, the company has become one of the largest in the Krasnoyarsk region - one of the richest forest region in Russia.

Currently the group consists of logging and timber processing enterprises, as well as the distributional companies.

Products are sold not only domestically but also in Europe, China, Japan, Egypt, Turkey and other. An important stage of development of the "KLM" Group was the acquisition in 2008 of LTD "KoDOK".

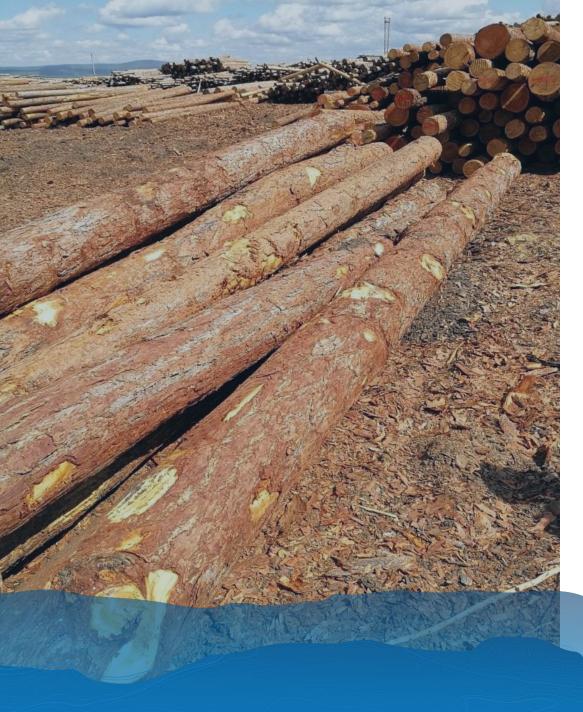
It resulted in increase in total production capacity up to 310 thousand m³ of lumber per year.



TIMBER FUND

The KLM Group has a long-term lease (up to 49 years) in the Turukhansk, Kezhemsk and Boguchansk districts of the Krasnoyarsk Territory with a forest fund with a rated wood cutting area in the amount of 185,9 thousand m³ per year.

The highest quality Angara pine and Siberian larch are dominated in the KLM Group forest fund.



TIMBER STOCKPILING

The own timber stockpiling is **170 thousand m³** with a root mass (120 - 130 thousand m³ in saw log) per year.

According to the development plan the enterprise is gradually increasing harvesting volumes to the full size of the rated wood cutting.

Not to utilize completely forest resources are located in the Bor forestry and logistically can provide processing in Krasnoyarsk.







INDUSTRIAL CAPACITY Krasnoyarsk city

Sawmill woodworking plant in Krasnoyarsk has processing capacity up to **200 000** m³ of round wood per year, with drying chambers and woodworking workshops with a capacity for glued products up to **36 000** m³ per year.

It is possible to release products of lower processing stages lumber and planed lumber.

WOODWORKING INDUSTRY Krasnoyarsk city



Production of planed and glued wood products and has the following production facilities:

- glued furniture board up to 2 400 m³ per year
- glued window beams up to 12 000 m³ per year
- glued construction timber up to 36 000 m³ per year with the possibility of manufacturing fully complete wooden houses from glued laminated timber with a total area of up to 100 000 m² per year

PRODUCTION CAPACITY Kodinsk city



Sawmill woodworking plant in Kodinsk

The capacity plant of wood processing is 150 000 m3 of raw materials per year, production is 70 - 75 thousand m3 of dried lumber per year.

The KLM Group owns 50 % in the plant project for the production of wood fuel pellets. Production volume is 1 000 tons of pellets per month. It is planned to increase the capacity to 2 000 tons per month.

PRODUCTION CAPACITY CHUNOYAR CONTAINER TERMINAL



In December 2017 the own container terminal started to work at the Chunoyar station. The terminal's capacity is currently 1200 containers per month.

In addition to the shipment of own production lumber, the terminal serves large sawmills: Priangarsky Timber Industry Complex (PLPK), Kraslesinvest, etc.

FUTURE PLANS

ORGANIZATION OF LOGGING ACTIVITIES IN KEZHEMSKY DISTRICT OF KRASNOYARSK

Purpose: The development of logging up to 300 thousand cubic meters per year.

Products:

lumber 300 thousand cubic meters per year

5 MUSD

Approximate volume of sales: up to 12 MUSD per year CREATING A WOODWORKING COMPLEX IN KANSK. INVOLVES THE CONSTRUCTION OF TIMBER WITH A CAPACITY TO PRODUCE LAMINATED PRODUCTS OUTPUT

Necessary investments: 1 150 MUSD Approximate volume of sales: up to 12 MUSD per year THE ORGANIZATION OF PROCESSING OF WOOD WASTE IN KODINSKY

Objective: To create a shop for production of fuel pellets (pellets).

Products:

fuel granules (pellets) 30 thousand tons per year Necessary investments: 3 MUSD Approximate volume of sale

up to 3,8 MUSD per year

THE SOSNOVOBORSKY INDUSTRIAL PARK

BECOME A RESIDENT OF THE INDUSTRIAL PARK AND OPEN A WOODWORKING PRODUCTION

BENEFITS FOR RESIDENTS







*in 2020 prices, including VAT

CENTRALIZED SUPPLY OF TIMBER RESOURCES

Estimated volume of forest resources - up to 1,000 thousand m3 per year, including:

- softwood (birch, aspen) 60-70%
- coniferous wood (pine, spruce, cedar, larch, fir) 20-30% **Estimated cost of forest resources *:**
- softwood (birch, aspen) 35– 47 dollars / m³
- coniferous wood (cedar, larch, fir) 58 dollars / m³
- coniferous wood (pine, spruce) 62 dollars / m³

REDUCED RATE FOR RENT OF PREMISES

Estimated rate for rent of premises*:

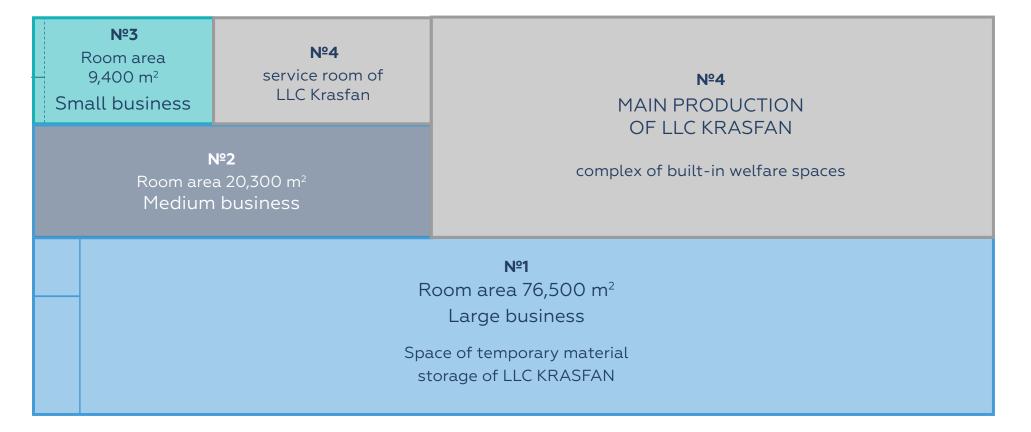
- cold rooms (production, warehouses) 2 dollars / m² per month
- warm rooms (production, warehouses) 3,3 dollars / m² per month
- warm rooms (offices) 8,3 dollars / m² per month
- Possible rate for rent of premises for small and medium-sized businesses*:
- cold rooms (production, warehouses) 1,4 dollars / m² per month
- warm rooms (production, warehouses) 2,5 dollars / m² per month
- warm rooms (offices) 6,2 dollars / m² per month

COMMON USE CENTER

Certification, standardization and testing center:

- testing of building and furniture materials and structures
- certification and testing of furniture and joinery
- certification and testing of biofuels and other products **Support equipment for collective use:**
- equipment for lamination and colouring
- expensive carpenter's and joiner's tool
- repair (milling, turning, drilling other equipment)

INDUSTRIAL PREMISES



FUNCTIONAL AREA

Nº1	premises for large business, warm and cold warehouses
Nº2	premises for medium business, warm and cold warehouses
Nº3	premises for production and offices of medium business

CURRENT TENANTS

LLC «Paint and varnish plant» Krasemal» (workshop for the production of paints and varnishes) LLC «Energostroymontazh» (production of sandwich panels) LLC «YugSib» (production of sleepers and packing boards) LLC «Abaka»

№4 Production and utility space LLC KRASFAN

POTENTIAL RESIDENTS. LARGE BUSINESS



GLUED WOODEN STRUCTURES

Rated capacity – **150** thousand m³ / year Investment volume – **500** million rubles Personnel – **120** new work place Required area – **9** thousand m²



ORIENTED STRAND BOARD (OSB) PRODUCTION

Rated capacity – **100** thousand m³/ year Investment volume – **1116** million rubles Personnel – **100** new work place Required area – **10** thousand m²



MAINTENANCE SHOP

Rated capacity – **2 500** pcs / year Investment volume – **500** million rubles Personnel – **80** new work place Required area – **7** thousand m²



PREFABRICATED AND BLOCK-MODULE HOUSES

Rated capacity – **200** thousand m³/ year Investment volume – **401** million rubles Personnel – **153** new work place Required area – **10** thousand m²

LLC KRASFAN



- LLC KRASFAN was founded in 2016.
- The company attracted investors and acquired the former Yenisei Plywood Mill in order to restore plywood production.
- The company initiates and participates in the project of the industrial park "Sosnovoborsk. Technodrev – 2020".
- Today LLC KRASFAN manufactures high quality plywood from softwood and hardwood.
- Finished products are in demand all over the world, particularly in Europe, It implemented in Russia and the CIS countries.