



INVEST IN LENINGRAD REGION

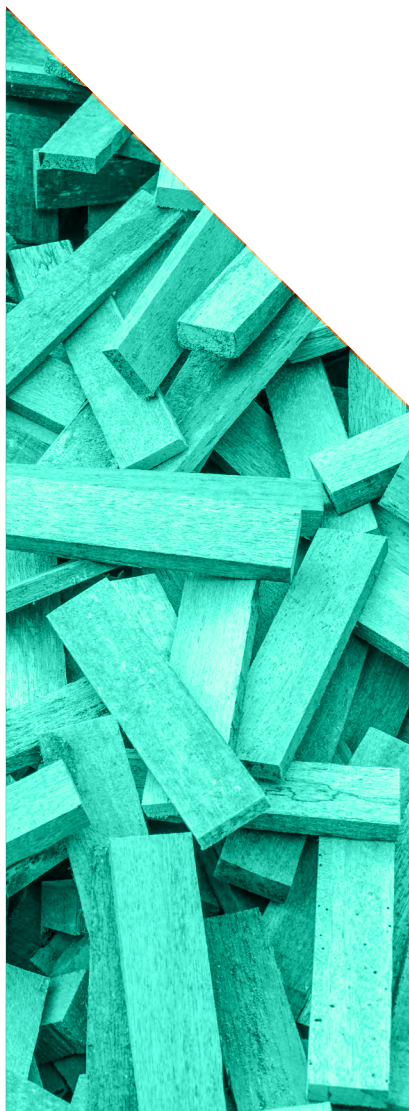
ATLAS of industry

Petrochemical industry

Woodworking industry

Food industry

Mechanical engineering



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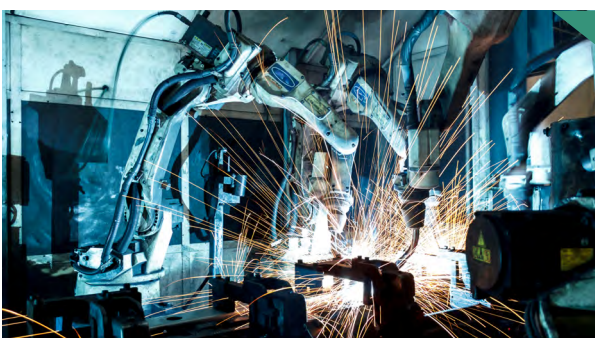
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Foreword by the Governor



**Steadily working
companies are the
best advertisement for
the entrepreneurial
environment of Leningrad
region**

Alexander DROZDENKO,
Governor of Leningrad Region

Industrial leadership is one of the most important priorities outlined in the Socio-Economic Development Strategy of Leningrad Region up to 2030. To enter the top 10 most industrially developed regions in Russia, Leningrad region creates industrial parks for placement of new enterprises, provides tax benefits and preferences for manufacturers and develops human resources.

Differentiated approach to economy and increase of the gross regional product (by 56% over the last five years in current prices) would have been impossible without investment projects which are being implemented in Leningrad region. In addition, the companies that have successfully worked in Leningrad region for a long time frequently expand their production capacities, and steadily working and developing companies act as the best advertisement for the entrepreneurial environment and the effectiveness of regional investment policy.

The interest of investors towards Leningrad region is also supported by real data – in 2018 the volume of investment into fixed capital amounted to 466.9 billion rubles, increasing by 26.8% compared to 2017, and the volume of foreign direct investment reached 4.8 billion USD, making the region the 6th most attractive region in Russia.


You can find useful information regarding economic situation in Leningrad region, its industrial development and measures of government support for business in the “Atlas of Industry”. The brochure will also introduce you to companies based in Leningrad region that are successfully working in such sectors as petrochemical, woodworking, food industries, mechanical engineering and production of vehicles and equipment. I hope that this brochure will become your guide to the industrial complex of Leningrad region and your assistant in finding new partners in the region.


We would like to invite you to develop your business in Leningrad region and we will make every effort for successful implementation of every project!


About the region


 **83.9** thousand km² area

 **1.8** million people population

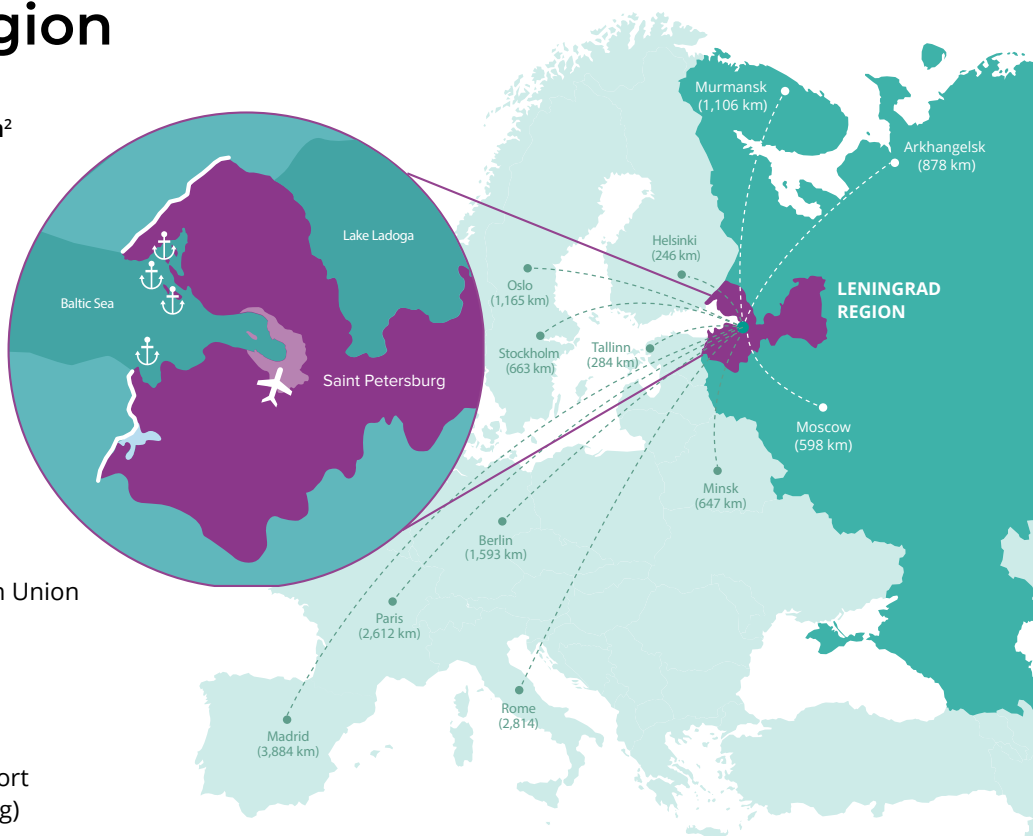
 Access to the Baltic Sea (through the Gulf of Finland)

 Close proximity to Saint Petersburg

 Borders with the European Union (Finland and Estonia)

 4 seaports

 Pulkovo International Airport (located in Saint Petersburg)



Ratings of Leningrad region



5 place

ranking of Russian regions in terms of achievement of high rates of increasing economic (tax) potential of a territory



9 place

National Regional Investment Climate Ranking

Expert

4 place

among Russian regions with the lowest investment risk

STANDARD & POOR'S

BB+

long-term credit rating, forecast "Stable"

Advantages of investing in Leningrad region



Favourable geographical location

Leningrad region has borders with Saint Petersburg and the European Union, it is located 600 km away from Moscow



Transport accessibility

Leningrad region is the second largest transport and logistics hub in Russia located at the intersection of international transport corridors



Efficient support for investors

The Ministry of Economic Development of the Russian Federation declared Leningrad region the leader among Russian regions in terms of the quality of investment policy and efficiency of its management team



Second largest consumer market in Russia

Population together with Saint Petersburg – 7.2 million people



Access to skilled labour force

Labour resources together with Saint Petersburg – 4 million people

Economy

Leningrad region in figures (2018)

 **1.06** trillion rubles

GRP (according to estimates)

 **+56%**

GRP growth over 2013-2018 in current prices (according to estimates)

 **466.9** billion rubles

volume of investments in fixed assets

 **+26.8%**

growth in comparison with 2017

 **4.8** billion USD

volume of foreign direct investment

 **6** place among all Russian regions

in terms of the volume of attracted foreign direct investment

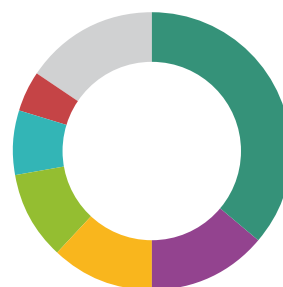
 **>7.1** billion rubles

export volume

 to **130** countries

products made by regional companies are delivered

GRP structure



36.3% Industry

13.7% Transport and communications

12.0% Wholesale and retail trade

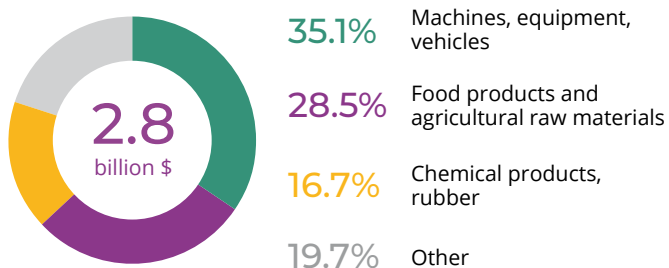
10.3% Construction

7.6% Real estate transactions

4.7% Agriculture

15.4% Other

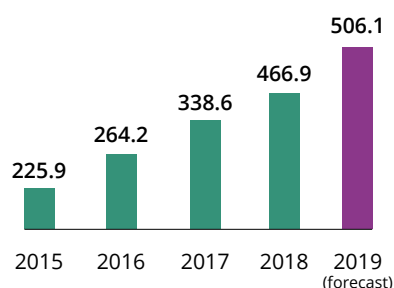
Import commodity structure (three quarters of 2019)



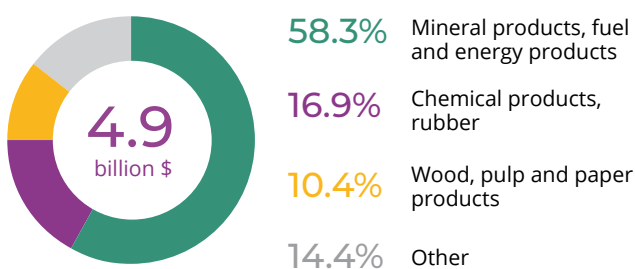
Leading countries:

12.5% China
10.5% Germany
8.6% Italy

Investments in fixed assets, billion rubles:



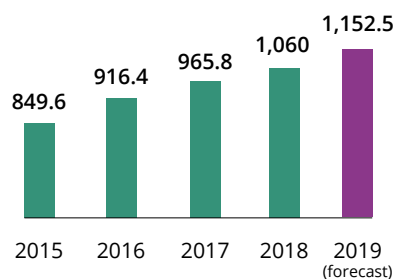
Export commodity structure (three quarters of 2019)



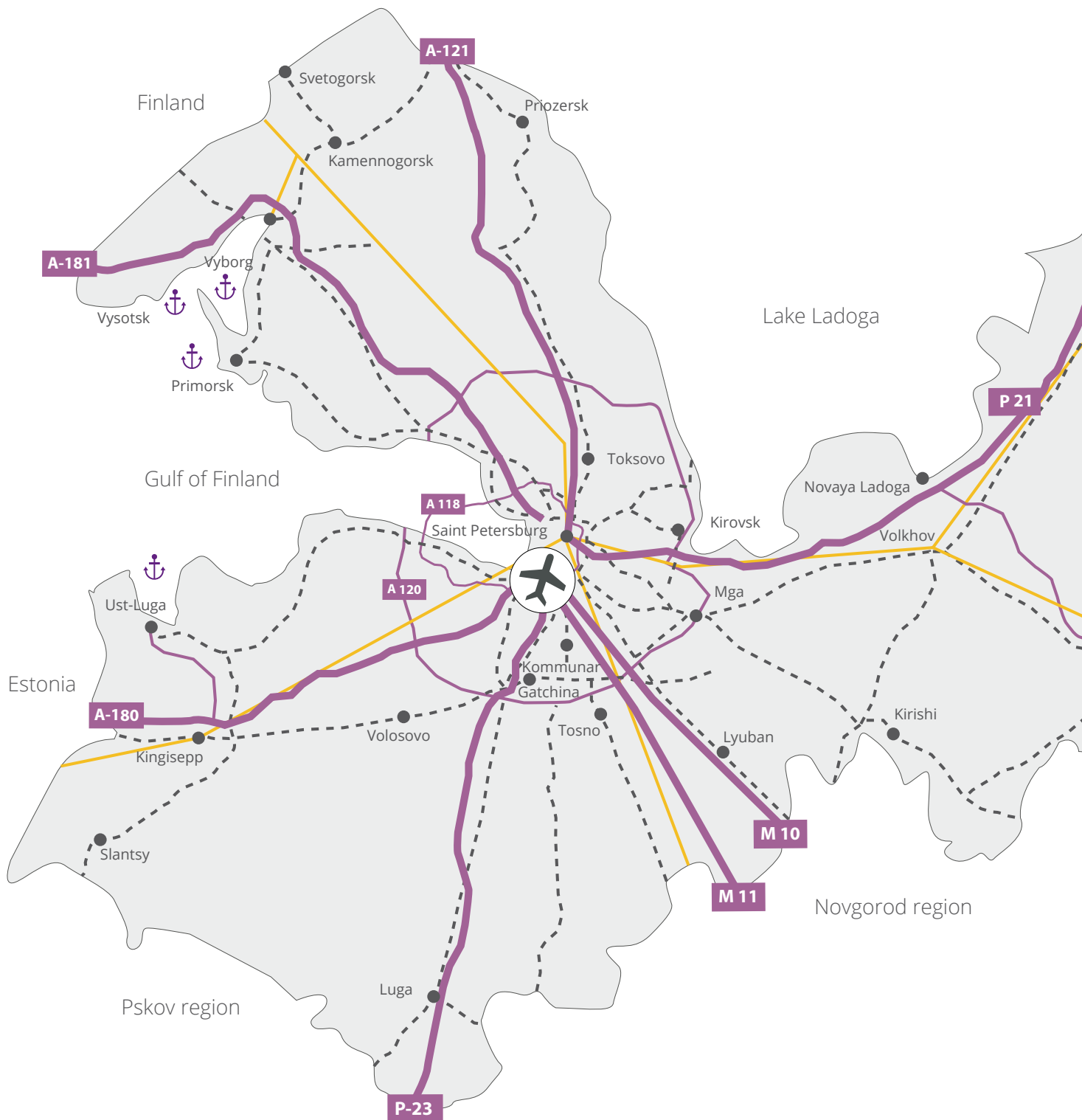
Leading countries:

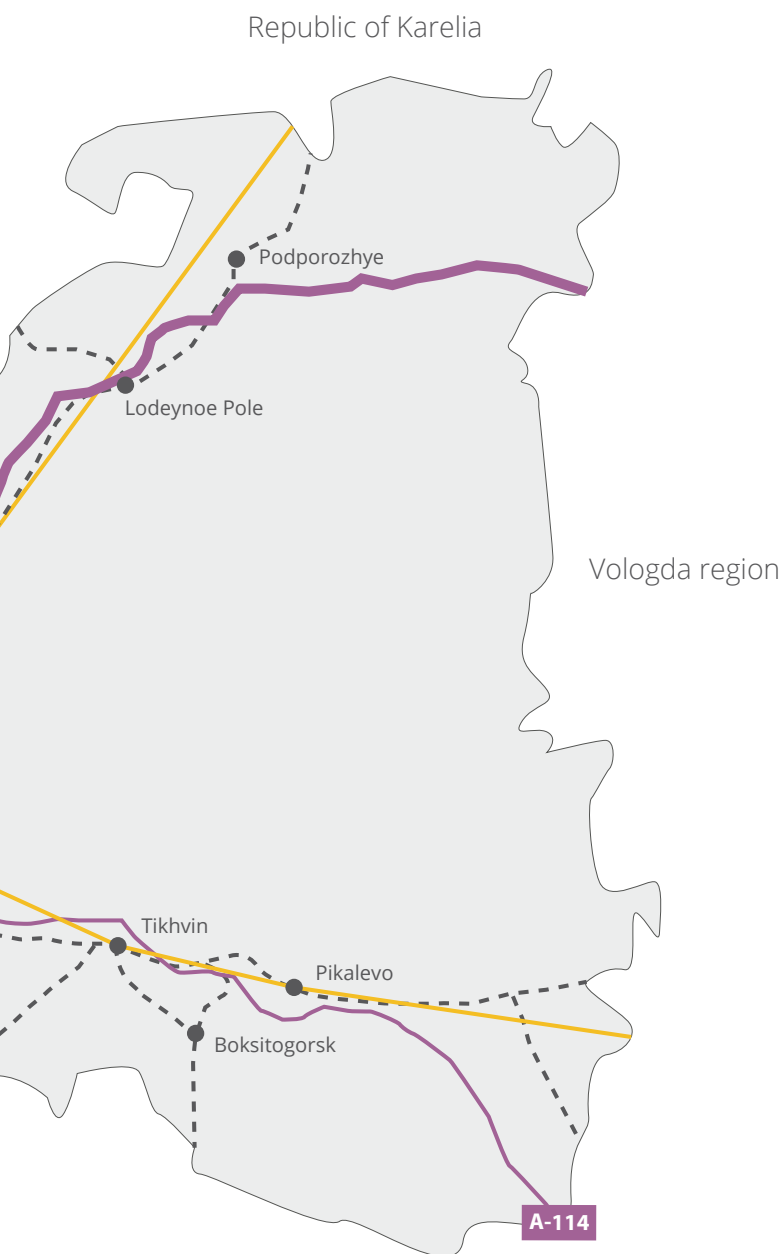
14.5% Netherlands
10.4% Finland
9.9% China



GRP dynamics, billion rubles:



Transport and engineering infrastructure





- M 10 Roads
- Railways
- Main gas pipelines
-  Ports
-  Airport

Transport complex of Leningrad region is a vital part of the transportation system in Russia and in the world. Leningrad region is located in the intersection where motorways, water and air routes meet with international transport corridors, and where the interests of the main global growth centres of North America, Western Europe and East Asia align.



Railways
3,640 km



Roads
>22,500 km



5 Federal highways

- M10 Russia
- M10 Scandinavia
- M11 Narva
- M18 Kola
- M20 Pskov



Federal highways
~600 km



Waterways
1,850 km



Main gas pipelines
2,200 km

Commercial seaports

Commercial seaports play a key role in development of the transportation and logistics networks in Leningrad region. Cargo turnover of the seaports of Leningrad region came to 139.6 million tonnes of various cargo over three quarters of 2019 which accounting for 22% of the total cargo turnover of all Russian seaports.

Port	Cargo turnover		Brief description
	2018	2019 (3 quarters)	
Ust-Luga	98.7 million tonnes	77.5 million tonnes	<p>Currently Ust-Luga seaport runs 12 terminals which transship liquid and dry bulk, general and containerized cargo. The terminals provide services involving transshipment, additional handling, and storage of more than 20 categories of cargo.</p> <p>The commercial seaport with cargo turnover amounting to almost 100 million tonnes plans to increase it up to 180 million tonnes per year. Ust-Luga Company together with an investor – Novotrans Group of Companies – is participating in implementation of a project on construction of a multipurpose terminal Lugaport with capacity amounting to 20-25 million tonnes of cargo annually.</p>
Primorsk	53.4 million tonnes	46.9 million tonnes	<p>Primorsk is one of the largest oil loading ports in Russia in terms of the transshipment volume. The port carries out large deliveries to the countries of Northern Europe and Scandinavia. The port provides services to tankers with deadweight of up to 150,000 tonnes. The capacity of the port of Primorsk in terms of oil shipment is 60 million tonnes per year, in terms of petroleum products shipment – 25 million tonnes.</p>
Vysotsk	18.7 million tonnes	14.3 million tonnes	<p>Vysotsk mainly specializes in handling Russian thermal coal for export. An oil terminal operated by RPK – Vysotsk Lukoil II is a complex for transshipment of petroleum products with the capacity exceeding 12 million tonnes annually.</p> <p>A specialized grain terminal (carrying capacity – 4 million tonnes per year) with a production complex for wheat processing (annual capacity – 180,000 tonnes) is being constructed in the territory of the seaport.</p>
Vyborg	1.9 million tonnes	900 thousand tonnes	<p>The port has 13 berths, three of them handle dry cargo and other ten are cargo berths. The cargo turnover of the port of Vyborg increased by 25% in 2018. The volume of transshipment of bulk cargo increased by 29%, transshipment of coal and coke increased by 75%, of mineral fertilizers – by 13%.</p>

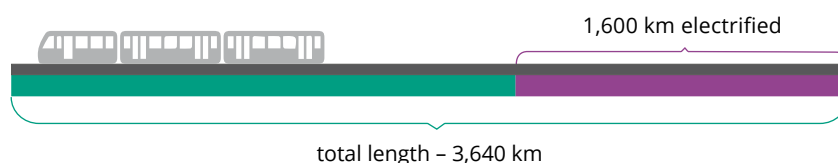
Railway infrastructure



1 place

in terms of the length of public railways in Northwestern federal district

Operational length of railways:



85%

of cargo transportation is carried out by railway transport in the region



37

railway stations



126

stations



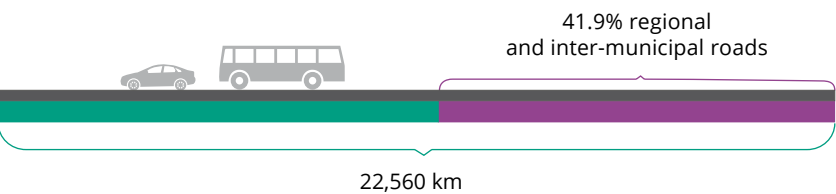
668

platforms

Motor vehicle infrastructure

Motorways link up the region, connecting its vast territory and providing access to other countries and neighbouring regions, while also facilitating the carriage of cargoes and passengers. These motor transport links provide secure, reliable connections to other transportation terminals for sea, river, rail, and air transport. The roads also connect to border checkpoints, centres of production and all consumption locations and local communities.

Total length of public roads:



- Demand for transportation by the road network in the region is determined by:
- close proximity to Saint Petersburg
 - the Trans-Siberian Railway and North-South international transport corridors crossing the region
 - development of ports on the Baltic Sea coast
 - international checkpoints for motor-vehicle transport at the Russian border with the EU countries — Finland and Estonia

In Northwestern federal district Leningrad region occupies:

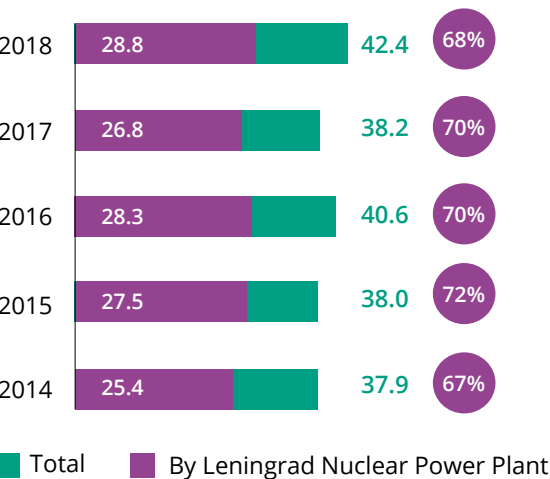


Energy infrastructure

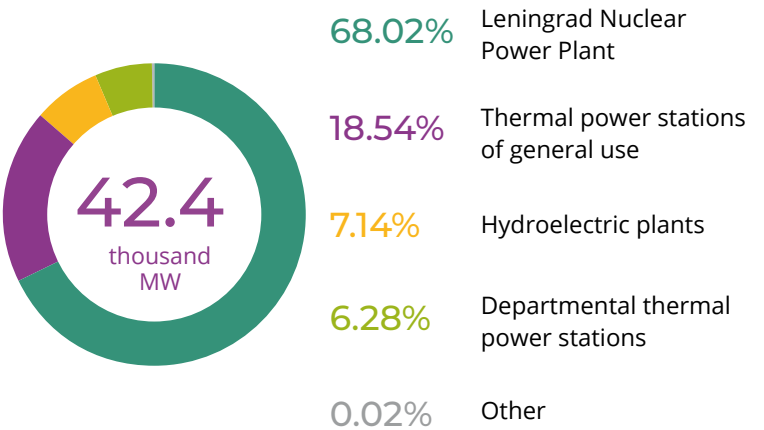
The largest power-generating plant of the region – Leningrad Nuclear Power Plant – provides more than a half of the electricity required by the region.

The largest generating companies operating in Leningrad region are: Rosenergoatom Concern, TGC-1, a branch of OGK-2 Kirishskaya GRES.

Electric power generation by Rosenergoatom (thousand MW)



Electric power generation in Leningrad region (2018)



Measures of support for industry



Tax benefits in Leningrad region are provided in accordance with the law of 29.12.2012 No. 113-oz On Government Support for Organizations Undertaking Investment Activity in Leningrad Region and Amending Certain Legal Acts of Leningrad Region



Up to **13.5%**

reduction of the regional part of **corporate income tax** (up to 31.12.2022)



Up to **0%**

reduction of the regional part of **corporate property tax**



Benefits are granted:

From **4** to **6** years

Up to **8** years for automotive manufacturers (corporate income tax up to 31.12.2022)



Minimum volume of investments

300 million rubles



Territory of advanced social and economic development Pikalevo

The monotown of Pikalevo received the status of the territory of advanced development in March 2018 for 10 years



Corporate property tax

0%

first 5 years

1.1%

next 5 years



Land value tax

0%

10 years



Payments to extrabudgetary funds

Reduction up to **7.6%**
for 10 years (instead of 30.2%)



Corporate income tax

Regional part:

5% first 5 years

10% next 5 years

Federal part:

0%
first 5 years

Monotowns Development Fund (MDF)

- Construction of power, heat, water and gas supply facilities using funds of MDF
- Attraction of MDF funds to a project




Entrepreneurship and Industry Support Fund

The Fund is a microcredit company which cooperates with 18 banks. Since 2019 it provides services to enterprises of Leningrad region such as provision of microcredits, sureties (guarantees) and subsidies.

Soft loans:

loan amount:

 From **3** million rubles
to **1** billion rubles

interest rate:

 From **1%** to **10%**

Support for small and medium-sized business:



financial support:

- microloans and sureties
- subsidies for entrepreneurs



informational support



consulting support



organisation of education



Regional investment project (RIP), from 01.01.2020



10% corporate income tax

Volume of investments:



From **50** million rubles



From **500** million rubles

from a tax period when the first revenue from sales of goods produced within RIP was received



But not **>4** years



But not **>6** years



0% corporate property tax

Volume of investments:



From **50** million rubles



From **500** million rubles

from a tax period when the first revenue from sales of goods produced within RIP was received



Within **4** years

Within **6** years

From **50** million rubles – volume of capital investment within a period

Economic activity – manufacturing industries

Not **>90%** – revenue from sales of goods produced within RIP



Subsidies for automotive industry

Subsidies are provided once a year at the rate of the costs incurred on transportation of employees and professional training, retraining and advanced professional training of personnel (from 1 January to 30 September of the current financial year).

Conditions:

- Manufacturing industries
- Not **>70%** of the total revenue from sales of goods

Front Office for Investor Relations of Leningrad Region



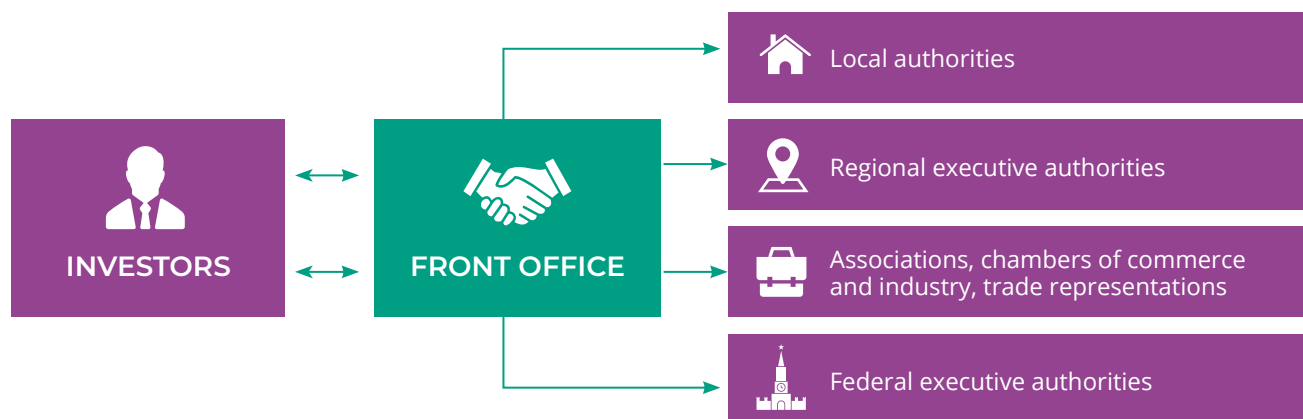
Investors support on "one-stop-shop" principle



Creation of conditions for successful implementation of investment projects



Establishment of constructive dialogue with business



Informational and consulting support:

- ✓ Information about investment advantages of the region
- ✓ Information about measures of government support
- ✓ Other information required for implementation of investment projects

Selection of investment sites according to the requirements of projects:

- ✓ Search and provision of information about a site
- ✓ Analysis of compliance of territorial planning documents to a project
- ✓ Organization of visits to investment sites

Provision of engineering and transport support:

- ✓ Analysis of the possibility to provide a land plot with engineering and transport infrastructure
- ✓ Assistance in interaction with resource supplying organizations
- ✓ Information about strategies and development plans, tariffs and other information

300

investment projects, including 46 projects with foreign investments, receive support of the Front Office



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Autonomous nonprofit organization Industry Development Centre of Leningrad Region

Autonomous nonprofit organization Industry Development Centre of Leningrad Region was established by the Government of Leningrad Region in 2017 in order to provide support for industrial enterprises of the region in overcoming development barriers and increasing their competitiveness.



Industrial
cooperation
and clusters

Aim: development of cooperation ties among enterprises and industrial clusters in the region

Activities: methodological, organizational and marketing support of cluster initiatives and projects of enterprises, promotion and search for partners for cooperation, maintenance of the website for industrial cooperation, preparation of competency development programmes, consulting on measures of government support



Support
for export
activity

Aim: support for regional enterprises in exporting products to new foreign markets

Activities: audit of export potential, educational programmes, market research, preparation of marketing materials, adapting to international requirements, selection of foreign counterparties, foreign business missions, exhibitions, placement at electronic platforms, assistance in reduction of barriers, consulting concerning measures of government support



Regional
Competency
Centre

Aim: assistance in development of advanced personnel training programmes

Activities: support for projects on creation of infrastructure of advanced personnel training, demand monitoring, promotion of new training standards

Industrial enterprises registered in Leningrad region receive services of Industry Development Centre free of charge or on favourable conditions of co-financing. The services are provided after receiving an official application, conclusion of a cooperation agreement or a contract.

The main formats of services provided by the Centre: oral or written consultations, an individual project (such as organization of marketing research), an integrated project (such as comprehensive support for launching export activities).



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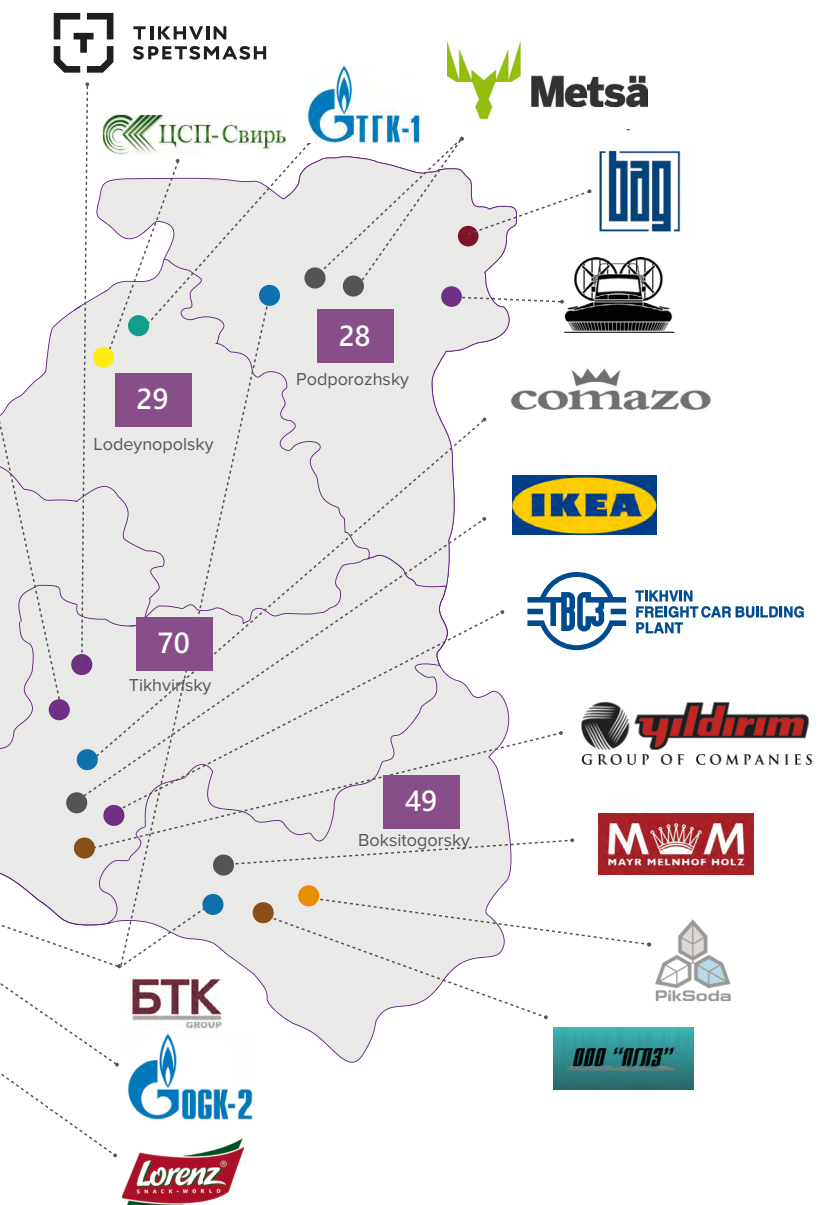
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crplo.ru

Industrial complex





50 Population of a district (thousand people)

Manufacture of food products, including beverages and tobacco

Textile and clothing manufacturing

Timber processing and manufacturing of wooden goods

Pulp and paper production

Production of coke and oil products

Chemicals industry

Production of rubber and plastic goods

Metalworking production

Production of other non-metallic mineral commodities

Production of machines and equipment

Production of vehicles and equipment

Mining

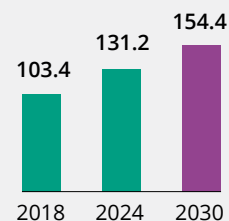
Production and distribution of electricity

Production of electric, electronic and optical equipment

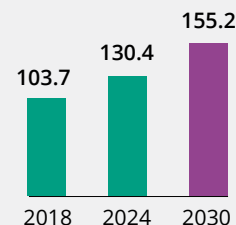
Industrial development is one of the priority directions for the region according to the strategic planning documents of Leningrad region.

Target indices

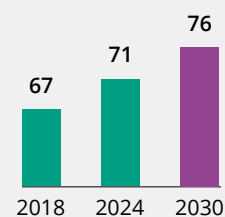
Industrial production index, %*



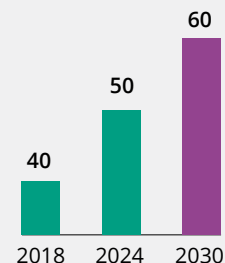
Production index for manufacturing industries, %*



Share of export in foreign trade turnover of Leningrad region, %



Share of non-resource non-energy export in the total volume of export (in the end of the period), %



* cumulative sum in the end of the period

Results of implementation

Reorganization of industry and increase of competitiveness due to development of export-oriented production

General information

Industrial production is the basis of the economy of Leningrad region.

Industrial complex of the region is presented by the enterprises of various industries.

104.4%

Industrial production index over three quarters of 2019

Leaders in the structure of shipped goods (2018)



23.5%

Manufacture of petroleum products and coke



17.3%

Manufacture of food products, tobacco

Leningrad region occupies



17 place

among Russian regions



2 place

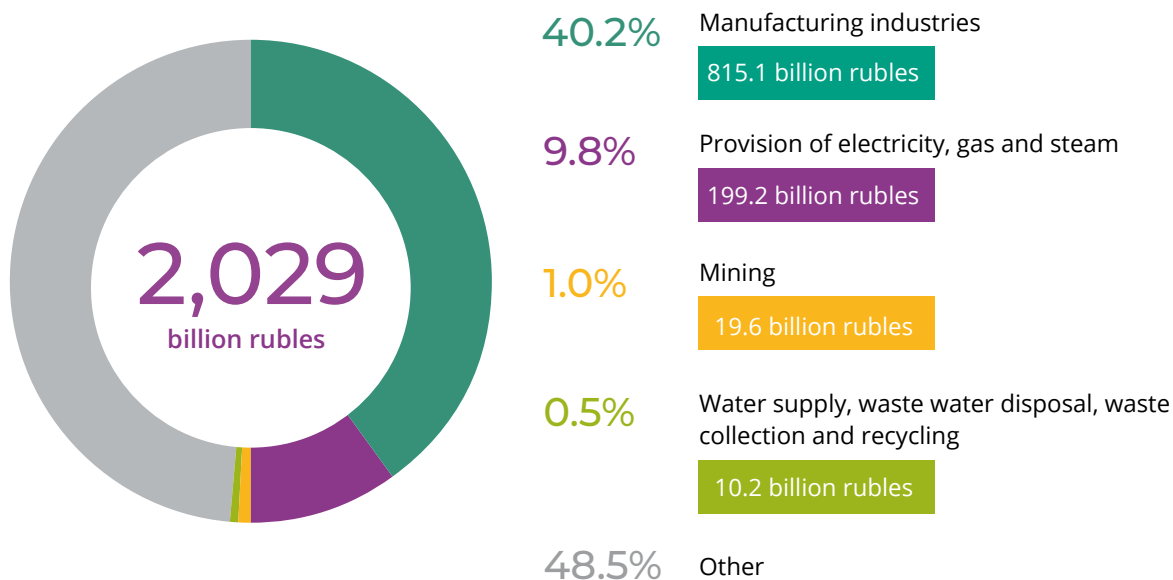
in Northwestern federal district

in terms of the volume of manufactured industrial products

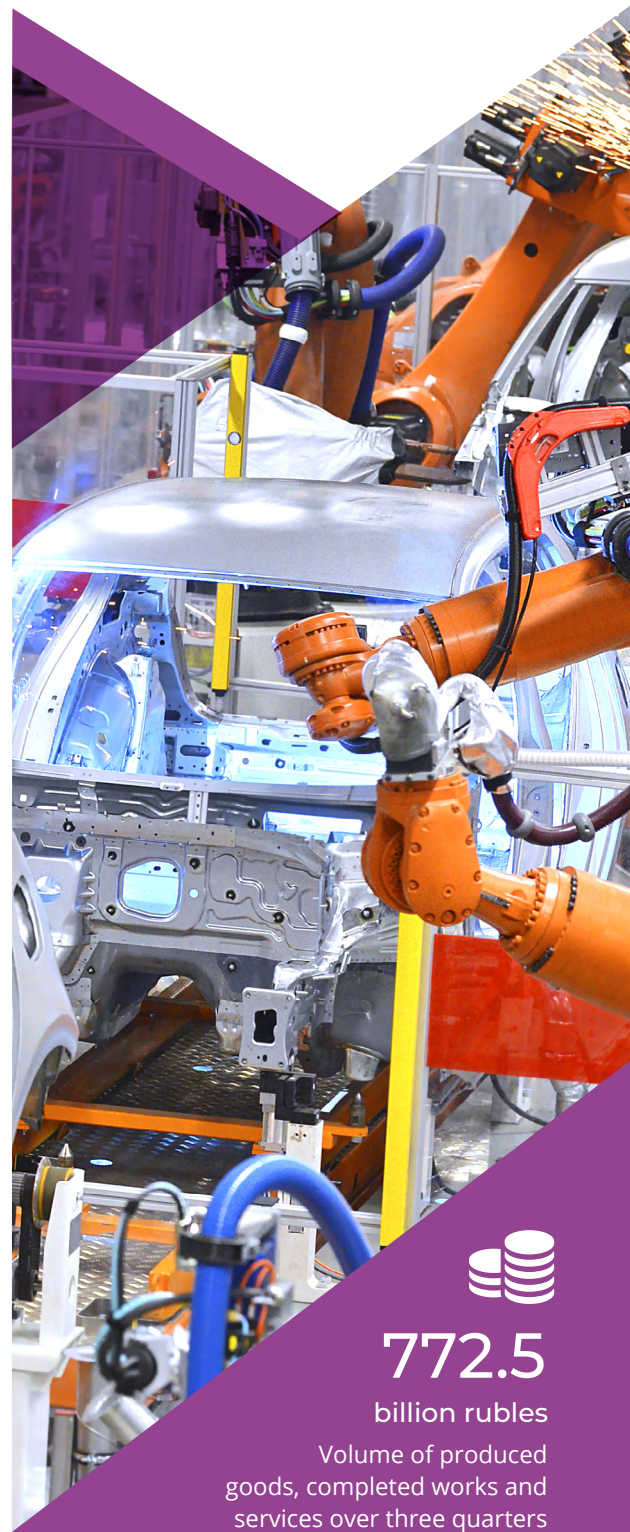
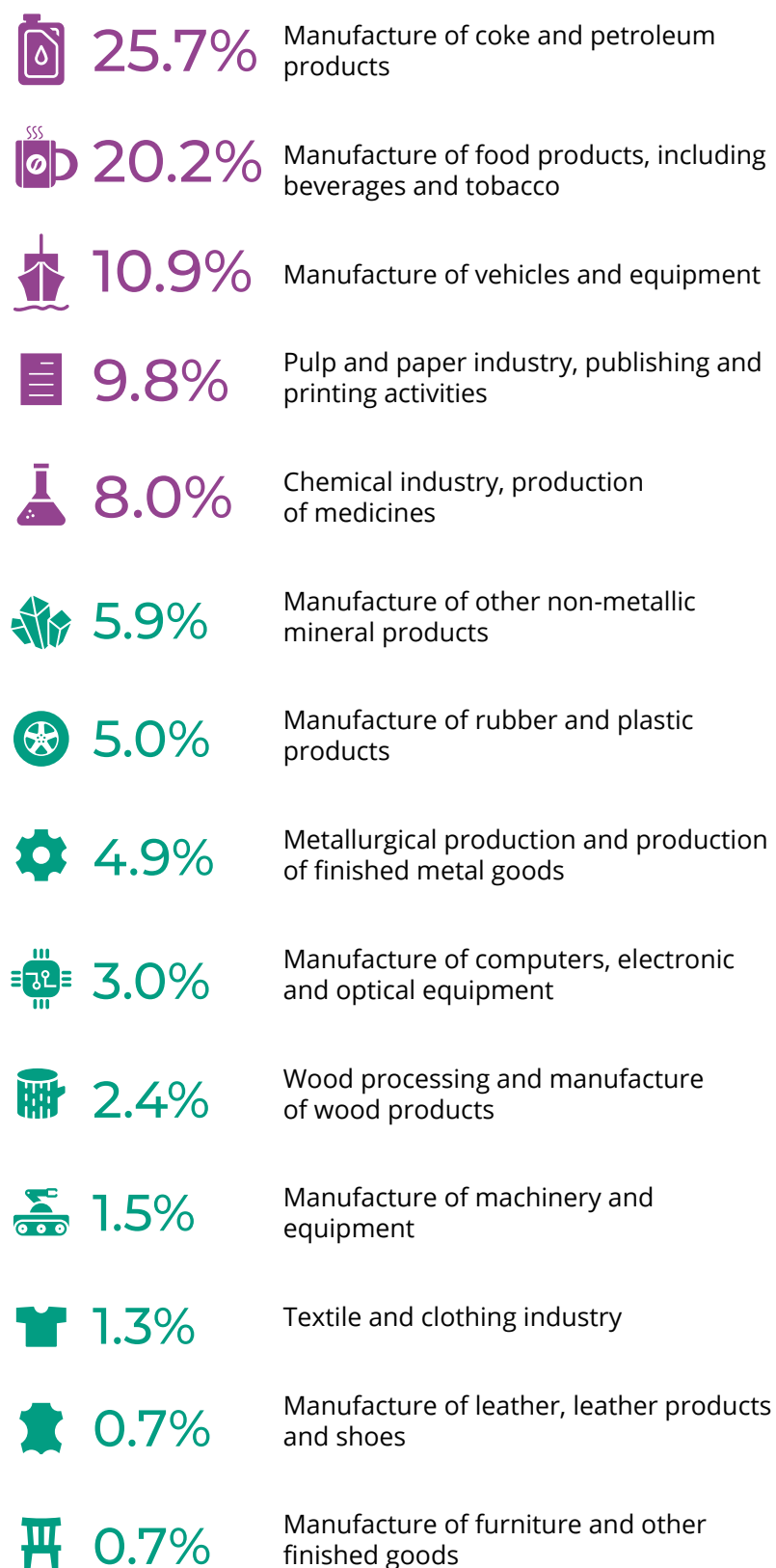
Large industrial centres of the region:

- Gatchina
- Vsevolozhsk
- Kamennogorsk
- Tosno
- Otradnoe
- Boksitogorsk
- Volkhov
- Kingisepp

Turnover of organizations operating in Leningrad region engaged in all types of economic activity (three quarters of 2019)



Structure of manufacturing industry



772.5

billion rubles

Volume of produced goods, completed works and services over three quarters of 2019

Petrochemical industry



A large industrial facility, likely a refinery or gas processing plant, is shown at night. The structure is illuminated by numerous yellow lights, creating a warm glow against the dark sky. The facility features a complex network of pipes, scaffolding, and tall distillation columns. The background shows a soft twilight sky with hues of pink and orange.

>60

large and medium-sized enterprises

11.3

thousand
people

average number of employees

67.9

billion
rubles

volume of shipped goods of own
production (2018)

>159

billion
rubles

volume of investments in fixed assets

Projects being implemented

RUSKHIMALIANS

Construction of capacities for annual
processing of 45 billion m³ of gas, production
and shipment of 13 million tonnes of LNG, up
to 4 million tonnes of ethane and more than
2.2 million tonnes of liquefied petroleum gas



Volume of investments:
750 billion rubles



Number of jobs: 5,000



Implementation period: 2023

Volkhov branch of Apatit

Volkhov, Volkhovsky district



Production of mineral fertilizers
(more than 10 types)

 **Year of establishment:** 2003

 **Volume of production:**
660,577 tonnes per year

 **Volume of investments:**
over 5 billion rubles (2012-2018)

 **Number of jobs:**
700

Implemented projects

- 2014. Construction of a new facility for production of NPKS and PKS fertilizers with capacity of 100,000 tonnes per year (volume of investments – over 400 million rubles).
- 2017. Construction of a new extraction department with capacity of 105,000 tonnes of P_2O_5 per year (volume of investments – over 1 billion rubles).
- 2017. Increase in capacity and volume of production of aluminium sulfate (volume of investments – 93.4 million rubles). This investment project is included in the action plan on import substitution in Leningrad region.

About the enterprise

The Volkhov branch of Apatit (reorganized from Metachem in April 2019) is a large chemical production plant, one of dynamically developing industrial enterprises of Leningrad region which is a part of PhosAgro Group.

The enterprise was established in 2003 after division of Volkhov Aluminum Factory into chemical and metallurgical production sections. It unites chemical workshops connected with technological cycles.

Average annual production volume:

- sodium tripolyphosphate (powders and granules) – 102,000 tonnes
- mineral fertilizers – 200,000 tonnes
- liquid aluminum sulfate – 24,000 tonnes
- extractive phosphoric acid – 105,000 tonnes
- sulphuric acid – 240,000 tonnes



The Volkhov branch of Apatit produces a wide range of mineral fertilizers required both in Russia and in Europe, Asia, South America and Africa. The enterprise is the only manufacturer and exporter of sodium tripolyphosphate – the main component for production of synthetic detergents – in Russia.

2012

Metachem entered PhosAgro Group. The volume of production amounted to 178,809 tonnes

2018

The volume of production amounted to 660,577 tonnes

2023

Implementation of the project will allow the Volkhov branch of Apatit to increase production volume and put into production highly effective types of fertilizers demanded at the market– ammophos and water soluble ammophos



Today the investment project “Strategic development of the Volkhov branch of Apatit up to 2025” is being implemented, which will allow creating 200 new jobs. The volume of investments in development of production facilities will come to 23.6 billion rubles.

Projects being implemented

In March 2019 implementation of a new investment project was launched at the production complex in Volkhov. The project completely complies with the long-term development strategy of chemical and petrochemical industries in Russia on modernization of already existing and creation of new production facilities using the best available technologies. It is aimed at strengthening food security in Russia and improvement of competitiveness of domestic manufacturers of fertilizers at foreign markets.

During St. Petersburg International Economic Forum – 2019 PhosAgro and a Russian forwarder of mineral fertilizers in containers Ultramar signed a long-term contract on transshipment of mineral fertilizers through Ultramar terminal in the port of Ust-Luga. Taking into consideration prospects of development of the Volkhov branch of Apatit, dynamic transshipment of products through this port will become an important condition of timely delivery of fertilizers made in Volkhov to foreign customers.



The production plant in Volkhov has good prospects of development, favourable geographical location, highly professional personnel. Together with investments in development we will develop social programmes. This will help to establish healthy and comfortable environment in Volkhov. We pay special attention to environmental safety of the enterprise, especially as it is located in the city area. Leningrad region has established favourable investment climate. We are really glad that we work in Volkhov – a town with a rich industrial history. And we hope to return great traditions of a large industrial centre not only of the region, but also of the country on the whole.

Alexey Ikonnikov
Director of the Volkhov branch of Apatit

Contacts

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Nokian Tyres

Vsevolozhsk, Vsevolozhsky district



Production of car tyres

-  **Year of establishment:** 2005
-  **Volume of investments:**
1 billion euro
-  **Number of employees:**
1,534 people

About the products

Production lines of the factory have the most advanced equipment, all processes are automated. After installation of the fourteenth assembly line in 2017, the nominal power of the factory reached 17 million tyres per year. On 10 October 2017 the 100-millionth tyre of Nokian Tyres plant in Russia was made. The factory works on around the clock basis, 365 days a year.

In August 2016 Nokian Tyres factory passed an industrial audit from Volkswagen Audi Group concern. The Russian tyre production plant confirmed the compliance of processes and quality of production of Nokian Tyres with international standards.

About the enterprise

Nokian Tyres is a world-renowned tyre concern with a rich history, traditions and culture. Nokian Tyres produces tyres for passenger cars, off-road vehicles and commercial transport under such brands as Nokian Hakkapeliitta, Nokian Hakka and Nokian Nordman, as well as tyres for industrial machinery.

The key industrial plant of the concern – Nokian Tyres factory in Vsevolozhsk – was officially opened in 2005. According to numerous independent ratings, it is one of the most modern and efficient factories in the world. The enterprise invested around 1 billion euro in the fixed capital.



64% of produced goods are exported to foreign markets

The produced goods are sold in Russia, Finland, the countries of Scandinavia, Central Europe, North America, China and Japan.

2005

Nokian Tyres factory was opened in Vsevolozhsk

2016

Compliance of the processes and quality systems with international standards was confirmed

2017

The 14th assembly line was installed, expansion of the production capacity to 17 million tyres per year

10 October 2017

The 100-millionth tyre was released from Nokian Tyres plant in Russia

The plant operates on an environmentally conscious basis and does not use harmful oils or additives, it operates using water on a circular scheme re-using the water for several times. The factory is certified by the international ecological standard ISO 14001. The enterprise has its own power plant and cooling system which are equipped with modern ventilation equipment to maintain the appropriate temperature in the workshops.



84%

of all tyres for passenger cars and off-road vehicles produced by Nokian Tyres in 2018 were made in Vsevolozhsk



Nokian Tyres has closely and fruitfully cooperated with the Government of Leningrad Region over the last 14 years. The all-round support provided by the regional and municipal authorities contributed to success of our investment project in Vsevolozhsk. If we had to pick a location for a factory in Russia again, we would make the same choice that we made in 2004 – Vsevolozhsk in Leningrad region.

Andrey Pantyukhov
CEO of Nokian Tyres

Contacts

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Corporation TECHNONICOL

Annolovo, Tosnensky district
Vyborg, Vyborgsky district



About the corporation

TECHNONICOL Corporation is the leading international manufacturer of reliable and efficient building materials and construction systems. The company offers the newest technologies which combine scientific developments of own research centres and advanced international expertise.

Today TECHNOMICOL has 54 factories across 7 countries (Russia, Belarus, Lithuania, the Czech Republic, Italy, Great Britain, Germany), 22 offices in 18 countries, 18 training centres, 6 research centres equipped with cutting-edge technology and highly qualified personnel. The research centres allow for regular development and introduction of new products and solutions for construction industry. The goods produced by the company are sold within 95 countries. The headquarters of TECHNOMICOL are located in Russia, Poland, Italy, China and India.

Factory in Vyborg

TECHNONICOL owns two plants in Leningrad region. TECHNOMICOL-Vyborg factory produces bitumen and bitumen-polymer materials for roofing and waterproofing, as well as materials for road construction. Currently, the factory is one of the largest producers of bitumen-polymer materials in TECHNOMICOL. The compound productive capacity of the three assembly lines amounts to 35 million m² of finished goods per year.

Due to the modern production technologies and equipment as well as strict quality control system, the Corporation releases goods demanded by both low-rise and industrial construction segments. The goods produced by the factory are widely used in road construction and significantly increase the time roads can serve before overhaul. Every year the enterprise invests more than 23 million rubles into the modernization/automation of the factory.

65%

of produced goods are
exported to foreign
markets

Importing countries: Northern European states (Denmark, Finland, Sweden, Norway), India, Vietnam, China, the Dominican Republic, the UAE, Great Britain, Singapore, Morocco and others.



Factory in Tosnensky district

TECHNONICOL Corporation launched a plant that produces extruded foam polystyrene for thermal insulation in Tosnensky district of Leningrad region. This material is used for thermal insulation of housing foundation, floors, roofs, facades and caps. The plant is equipped with modern assembly lines from the leading producers. The investments in implementation of this project amounted to 1 billion rubles.

300

thousand m³

products per year – capacity
of the factory



We have successfully worked in Leningrad region for over 25 years. Moreover, the history of TECHNONICOL Production company began here, in this region. Every business values support of the regional government, as it impacts success of the enterprise, for this reason we hope for further cooperation on infrastructural matters.

Sergey Kolesnikov
Co-owner and President
of TECHNONICOL Corporation

Contacts

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NOVATEK – Ust-Luga

Vistino, Kingiseppsky district



Processing of stable natural-gas condensate into commercial oil products and export of finished products by means of marine transport

Year of establishment: 2010

Production capacity: 6 million tonnes of stable natural-gas condensate per year.
Range of productivity: 70-120%

Main facilities

- 2 installations for fractionation of stable natural-gas condensate, with project capacity of 6 million tonnes per year (3 million tonnes each)
- storage facility
- 2 deep water docks equipped with marine loading arms that can accommodate tankers with deadweight of up to 120,000 tonnes
- administration zone
- engineering systems and networks
- treatment plants

About the complex

A complex for fractioning and transshipment of stable natural-gas condensate located in Ust-Luga port on the Baltic Sea allows for the processing of stable natural-gas condensate into light and heavy naphtha, kerosene, diesel fraction and a component of fuel oil and for exporting finished products by means of sea transport. The complex also allows transshipping stable natural-gas condensate for export delivery.

The complex was launched in 2013, optimizing the logistics and reducing transport costs due to its convenient location in Ust-Luga, contrary to the Vistino port where stable natural-gas condensate used to be exported from.



30 million tonnes of products

processed and shipped by the enterprise since 2013

The products of the complex are exported to Europe and the Pacific Rim countries.

About the products

- naphtha (light and heavy)
- fuel for turbojet engines Jet-A1
- marine fuel component
- diesel fraction

Currently there are no analogues to the Ust-Luga industrial complex in the Russian Federation. Moreover, there are not more than 10 similar complexes that include processing, storage and shipment of various products to marine vessels across the world.



In May 2013 the Government of Leningrad Region signed an Agreement with NOVATEK – Ust-Luga according to which the company invested in development of an oil processing plant in the territory of the region. Additionally, over the last 5 years, the company allocated funds for several programmes designed to improve living standards and the quality of living in Kingiseppsky district. Among them are construction and renovation of educational and medical facilities, residential buildings, sport and wellness centres, assistance in solving pressing issues in the municipal units.

Dmitry Bendyuzhik
CEO of NOVATEK – Ust-Luga

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Jotun Paints


Annolovo, Tosnensky district



Production of paints and varnishes

 **Production capacity:**
12 million litres of liquid coatings and 3,600 tonnes of powder coatings per year

 **Volume of investments:**
2.4 billion rubles

 **Number of employees:**
130 people

About the products

In Russia Jotun develops, produces and sells industrial, marine and powder coatings used for protection of objects all over the country:

- industrial coatings (protection of oil and gas industry facilities, energy industry facilities, infrastructure facilities and other industrial facilities)
- marine coatings (protection of icebreakers, tankers and other types of vessels)
- powder coatings (dyeing of household appliances, furniture, pipelines, elements of general purpose industrial production, etc.)

About the company

Jotun is one of the world leaders in production of decorative, industrial paints, marine and powder coatings. The company was established in 1926 in Norway. The head office is located in Sandefjord, Norway.

Jotun has 40 production facilities, 62 companies and it is represented in more than 100 countries around the world.

The factory for production of paints and varnishes in Leningrad region is the company's first factory in Russia, and also the most modern and technologically equipped production plant ever launched by the company.

Advanced manufacturing technologies and equipment: vertical bead mill, closed cycle production with the use of inline blending technology, filling equipment O&B, dual extrusion system.



Jotun provided materials for protection of the world famous architectural structures, such as the Eiffel Tower (Paris, France), Burj Khalifa and Burj Al Arab (Dubai, UAE), Aspire Tower (Doha, Qatar), Guangzhou International Finance Center (Guangzhou, China) and other grandiose world-famous buildings.

2011

Decision about construction of the factory in Leningrad region was made

January 2016

Jotun Paints and Economic Development Agency of Leningrad Region concluded an agreement on investment project support

May 2017

Permission on commissioning of the factory was received

August 2017

Launch of production (Fyodorovsky Industrial Park)

Over the last decades the company has made a huge breakthrough in production of paints and coatings introducing high-quality products which provide durability and efficiency along with simplicity of application and environmental safety. Jotun has developed Green Steps environmental programme according to which toxic substances such as chromate, formaldehyde and carbonatite were completely excluded from paints formulation.

Jotun coatings protect thousands of square meters of objects across Russia annually



One of the reasons why we chose Leningrad region is its geographical position – the region is located not far from Norway, where our headquarters is located. Leningrad region is favourable from a logistical point of view as we can supply raw materials to the local markets, and furthermore we can easily access other regions of Russia from there. I would like to express my gratitude to the Government of Leningrad Region and the Front Office team, as they helped us at all stages of the project. They are a great team and we highly enjoyed working with them.

Jon Hjartland
General Manager of Jotun Paints

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Phosphorit Industrial Group

Kingisepp, Kingiseppsky district



Production of phosphorous fertilizers and fodder phosphates



Year of establishment: 1963



Volume of production:
1 million tonnes of goods per year



Volume of investments:
25 billion rubles (2001-2018)



Number of employees:
1,148 people

Over the next seven years the site for production of extractive phosphoric acid, three sections of the ammophos workshop and the second sulphuric acid workshop were opened. By the end of 1984 the fodder workshop released its first production. At this time Phosphorit became one of the leading enterprises in the Russian chemical sector.

In 2001 Phosphorit became a part of the Mineral and Chemical Company EuroChem – a global manufacturer and distributor of a full range of fertilizers and industrial products with production assets located at four continents and sales and distribution network operating all over the world.

About the company

Phosphorit Industrial Group is one of the leading manufacturers of phosphorous fertilizers and fodder phosphates in the North-West of Russia, as well as sulphuric and phosphoric acids for its own production needs. The produced goods are delivered to consumers in more than 70 countries in the world and 35 regions of the Russian Federation.

Construction of Phosphorit factory in Kingisepp started in the early 60s of the twentieth century. The government decision to construct a mining and processing plant was made after discovering phosphorite fields in Kingiseppsky district.

On 25 December 1963 the Government committee signed an act opening the first line of phosphate mines in Kingisepp. This date is considered to be an official birthday of Phosphorit.

In the early 70s construction of a chemical complex began. Its first facility, which was opened at the end of 1972, was the sulphuric acid workshop.



Phosphorit Industrial Group supports priority charity sectors – education, sports and healthcare.

400
million rubles

sponsorship of the enterprise to social institutions in the region over the last 15 years

1963

The factory was founded.
Opening of Kingisepp
phosphorite mine

1972

The first facility of the
chemical complex – the
sulphuric acid workshop
– was opened

1984

The fodder
phosphates workshop
released its first
production

2001

Phosphorit became
a part of a Swiss
company EuroChem



1 place in Russia production of defluorinated phosphate

Leading place in Russia in terms of the volume of produced phosphorus mineral fertilizers.



Today we have high potential, both labour and technological, to maintain the leading position in the sector. Creative input of employees, their responsible attitude allow manufacturing products of high quality demanded at both international and domestic markets. Our hard workers are very professional, responsible people respecting traditions. Social policy plays a key role in development strategy of Phosphorit. We have good experience of partnership with both local authorities and budgetary organizations.

Vladimir Erlykov
Executive Director of Phosphorit Industrial Group

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Cryogas-Vysotsk

Vysotsk, Vyborgsky district



Production of liquefied natural gas



Year of establishment: 2019



Production capacity:
660,000 tonnes of LNG per year



Number of employees:
275 people

The main facilities of the complex include area for preliminary cleaning of raw natural gas, two liquefaction lines, LNG storage tank with capacity of 42,000 cubic meters, area for shipment of LNG to automobile transport and two berths:

- berth No.1 for loading of LNG to vessels with displacement of up to 29,900 tonnes
- berth No.2 for bunkering tankers and auxiliary fleet able to accommodate vessels with displacement of up to 14,400 tonnes

About the company

Cryogas-Vysotsk is the first factory for production of liquefied natural gas in the Baltic region. It is a joint venture of NOVATEK and Gazprombank.

The capacity of the factory is 660,000 tonnes of LNG per year, its infrastructure also includes a LNG storage tank with capacity of 42,000 cubic meters and an unloading berth able to accommodate tankers with cargo capacity up to 29,900 cubic meters.

Cryogas-Vysotsk is the first medium-tonnage LNG factory in the Baltic Sea and the third factory for production and shipment of LNG to marine vessels in the country. The products are delivered to the countries of Northern Europe, Scandinavia and Baltic region.



Leningrad region has favourable geographical location and developed sea ports. These advantages make it an optimal region in terms of production and distribution of LNG to the Baltic and European markets. Cryogas-Vysotsk together with the Government of Leningrad Region work on expansion of sale markets for low-tonnage LNG and participation in environmental projects of Leningrad region. In this context it is worth mentioning the plans of Cryogas-Vysotsk on bunkering marine vessels with liquefied natural gas which will undoubtedly have positive effect on ecological situation in the region.

Dmitry Anischenko
CEO of Cryogas-Vysotsk

Contacts

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Henkel Rus

Tosno, Tosnensky district



About the company

Henkel has been operating in Russia since 1990. Today Henkel has 10 factories in several Russian regions. Henkel factory in Tosno is one of the largest enterprises of the company in Russia. It manufactures industrial and consumer glues and sealants of such brands as Moment, Metylan, Makroflex, Aquence, Technomelt, Loctite. The range of produced goods includes more than 200 items and it is constantly expanding.

Production of glues and sealants



Volume of production:

20,000 tonnes per year



Volume of investments:

about 1.5 billion rubles (2010-2019)



Number of employees:

about 230 people



In September 2019 the company opened a new factory for production of dry construction mixes Ceresit in the territory of its enterprise in Tosno. It will allow the company to meet growing demand for construction mixes in Northwestern federal district. The planned volume of production will amount to about 80,000 tonnes annually.



For us Leningrad region is the region with strong industrial and logistics base, qualified personnel and positive investment climate. The investment team of the region constantly works on improvement of conditions of doing business and creation of favourable business climate. Openness of the regional government allows us to interact constructively and receive support concerning both operational issues and within strategic development of Henkel in the region.

Sergey Bykovskih
President of Henkel Russia

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Food industry including beverages and tobacco





>100

large and medium-sized enterprises

25.6 thousand
people

average number of employees

232.4 billion
rubles

volume of shipped goods of own
production

>3.7 billion
rubles

volume of investments in fixed assets

Projects being implemented

ECO RESOURCE

Construction of a production and warehouse building including two departments for production of food ingredients (colorings), a warehouse, a research centre, etc.



Volume of investments:
500 million rubles



Number of jobs: 80



Implementation period: 2021

TRIER-SPB

Construction of a complex of German concern IREKS GmbH for production of dry food mixes (ingredients for baking, confectionery and brewing industries).



Volume of investments:
300 million rubles



Number of jobs: 50



Implementation period: 2020

JACOBS DOUWE EGBERTS RUS



Gorelovo industrial zone, Lomonosovsky district



Production of coffee



Volume of investments:
over 250 million euro (since 2000)



**Number of employees
of the factory:**
over 500 people

About the company

JACOBS DOUWE EGBERTS is an international company which has produced tea and coffee for over 265 years. Today products manufactured by the company are represented in more than 140 countries in the world. The company makes products under such wide-known trademarks as Jacobs, Tassimo, Moccona, Senseo, L'OR, Douwe Egberts, Super, Kenco, Pilao и Gevalia.

In Russia JDE is represented by JACOBS DOUWE EGBERTS RUS.



The factory of the company located in Lomonosovsky district of Leningrad region is one of the largest and most modern factories for production of instant coffee in the world. The portfolio of JACOBS DOUWE EGBERTS RUS includes such brands as Jacobs, Carte Noire, L'OR, Tassimo, Maxim and Maxwell House. The company produces instant, ground, grain and portioned coffee, as well as capsules for coffee machines.



Our factory is almost 20 years old, and over these years we have managed to establish cooperative relationships with the Government of Leningrad Region. Committee for Economic Development recommended us to contact the Front Office which became a very reliable, trustworthy assistant for us in solving many industrial issues that require support of the authorities. The assistant oriented towards requirements of business, willing to provide advice as well as active support.

Andrey Kutsenko
Director of JACOBS DOUWE EGBERTS RUS coffee factory

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Group of Companies Galactika

Gatchina, Gatchinsky district



Production of dairy products



Volume of production:
120 thousand tonnes



Volume of investments:
400 million rubles (2019)



Number of employees:
600 people

About the company

Galactika Group of Companies is one of the largest manufacturers of dairy products in Northwestern federal district. The enterprise produces more than 150 items of traditional and modern dairy products under such brands as Bolshaya Kruzhka, Svezhee Zavtra, Be Dairy 2.0, Prover, Sudarynya.

All production facilities of the company are equipped with modern automated equipment which allows guaranteeing consistently high level of the quality of manufactured dairy products.



Products manufactured by Galactika repeatedly receive prestigious awards at specialized exhibitions and contests. Ultra-pasteurized milk Bolshaya Kruzhka became a winner of a popular TV show "Test Purchase" of Channel One, and 20% fat sour cream received Russian Quality Mark which confirms its compliance not only with obligatory requirements of the legislation, but also with the standards of the Russian Quality System. In 2019 Galactika Group of Companies launched export deliveries of its products to China. Chinese consumers highly estimated the quality, the packaging convenience and the taste of milk and milkshakes produced by the company.



Galactika Group of Companies has been successfully cooperating with the Government of Leningrad Region and the Administration of Gatchinsky district for a long time. For example, we have managed to receive a soft loan for purchase of raw milk at the farms of Leningrad region. A joint project on creation of production of fresh cheese became the most important project for us. It will allow processing excess of high quality milk produced by the regional farms and will saturate the market with domestic products.

Dmitry Pinchukov
Chairman of the Board of Galactika Group of Companies

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Michelangelo

Kobralovo, Gatchinsky district



About the company

Michelangelo is one of the first factories for production of soft Italian cheese in Russia (was built in 1995). Its products are manufactured from high quality raw materials only, without GMO or preservatives and daily pass quality control in the factory's laboratory. Only microbial enzymes (not of animal origin) are used for production. Production technologists completed professional training in Italy.



Production of soft cheese



Volume of production:
255 tonnes of cheese per year



Volume of investments:
38,445 thousand rubles



Number of employees:
19



Products of the factory are delivered to Northwestern region, Central region, the Republic of Crimea, other Russian regions. The enterprise has completed reconstruction and modernization of production, purchased modern equipment for production and packing. This allowed Michelangelo to increase production and expand the range of produced cheese. The planned project capacity is 1,000 tonnes of cheese per year.



Michelangelo factory was built by a hereditary cheesemaker Michelangelo di Filippo. Since the very first day the factory has been producing cheese according to the old Italian canons, using milk bought in Leningrad region.

The Government of the region and the heads of Gatchinsky district provide overall support and assistance concerning all issues of the factory.

Murtaz Tordia
Director of Michelangelo

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Confectionery Association Lyubimiy Kray

Otradnoe, Kirovsky district

Gorelovo industrial zone, Lomonosovsky district



About the company

Confectionery Association Lyubimiy Kray was established in 1999 and now it is the largest enterprise of this sector in Northwestern federal district. The enterprise is included in the list of systemically important enterprises of Leningrad region.

Lyubimiy Kray produces cookies and gingerbread and holds leading positions at the Russian market of oatmeal cookies.



Production of confectionery

 **Volume of production:**
24,000 tonnes of products annually

 **Volume of investments:**
20,153 thousand rubles (2016)

 **Number of jobs:** 400



Products of Lyubimiy Kray became a laureate of the federal competition "100 Best Products in Russia". The company is in top 10 leading manufacturers of gingerbread.

Lyubimiy Kray not only distributes its products in Russia, but also exports it to Georgia, Turkmenistan, Great Britain, Germany, Israel, the USA, the United Arab Emirates.



We are among systemically important enterprises and also the largest manufacturer of confectionery in the region. Our factory provides a large number of jobs for the citizens of the region and the city and it is among the largest taxpayers. Cooperation with the authorities of Leningrad region plays a really important role for us, we discuss and successfully solve current issues, interact in the sphere of development of Gorelovo industrial zone where one of our factories is located.

Irina Snegova
CEO of Confectionery Association Lyubimiy Kray

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Orimi

Sverdlova settlement, Vsevolozhsky district



Tea and coffee production



Year of establishment: 2000



Volume of production:
95,000 tonnes of products annually



Total volume of investments:
697.6 million euro



Number of employees:
2,264 people

About the products

The enterprise manufactures more than 450 items of tea and coffee products under its own trademarks: coffee – Jockey and Jardin, tea – Greenfield, TESS, Princess Noori, Princess Java, etc.

The factory manufactures its products using tea and coffee raw materials from the leading tea and coffee producing countries (Sri Lanka, India, China, Kenya, Indonesia, Brazil, Columbia, etc.).

The assortment line of tea brands is represented by diverse types of black and green tea, various compounds on their basis with natural herbs, berries, fruits.

Coffee brands are represented by rare varieties of Arabica, uniquely designed coffee blends made of high quality varieties of Arabica and Robusta.

About the company

Orimi factory was opened in 2000 and today it is the largest and the most technologically equipped enterprises of tea and coffee industry in Eastern Europe.

Orimi factory is the only enterprise of tea and coffee industry included in the List of systemically important organizations approved by the Government of the Russian Federation (2015).

The structure of the factory includes tea and coffee production facilities, warehouse complexes for raw materials, component parts, finished products, specialized repair services.

The factory consists of several departments for leaf tea packaging, production of all types of teabags, tea and coffee in aluminum capsules, full-cycle production of natural coffee (roasting, grinding and packing of coffee beans), instant coffee packing.

To
34
countries

Orimi exports its products, among them are Great Britain, Germany, Greece, Canada, China, Mexico, Portugal, the USA, Finland, France, the Czech Republic, South Korea, the UAE.



2001

Production of natural roasted coffee was launched

2006

Production of tea in individual sachets and pyramid teabags was launched

2007

Production of coffee in oxygen-free environment was launched

2015

The factory was included in the List of systemically important organizations of the Russian Federation

2015

International standard ISO 22000 was introduced at the factory

2017

Construction of a new production facility was launched

2019

Production of coffee was certified in accordance with the requirements of UTZ Certified

Production

The factory uses equipment of the leading international companies which provides technological efficiency of production, high level of automation and minimum use of manual labour.

The enterprise uses the most advanced technologies and practices which provide high consumer qualities of products (gentle roasting technology, packing in protected environment, automated quality control system of roasting, laser and optical sorting of tea and coffee raw materials).



Every third cup of tea and natural roasted coffee drunk in Russia is made by Orimi factory.



Success of our enterprise was to a great extent determined by the policy of the Government of Leningrad Region which provides favourable organizational and legal climate for development of industry and implementation of investment programmes. Orimi factory became one of the first investment projects successfully implemented in Vsevolozhsky district. And today the investment process still continues, since construction of another facility of the enterprise – a new factory for instant coffee production – is carried out in the territory of Utkina Zavod technology park and planned to be finished in the fourth quarter of 2019.

Alexander Evnevich
Chairman of the Board of Directors
of Orimi Group of Companies

Contacts

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Philip Morris Izhora

Gorelovo industrial zone, Lomonosovsky district



Manufacture of tobacco products



Year of establishment: 2000



Volume of investments:
over 1.4 billion USD



Number of employees:
over 1,200 people

About the company

Philip Morris Izhora is an affiliated company of Philip Morris International (PMI) in Russia. The enterprise is represented by two production centres – Philip Morris Izhora factory in Leningrad region and Philip Morris Kuban in Krasnodar.

Philip Morris Izhora is one of the largest enterprises of PMI in terms of production capacity, it is a full production cycle factory: from primary tobacco processing to production and packaging of high quality tobacco products. The enterprise is one of the first large-scale investment projects in Leningrad region. Today the total volume of investments in development of this production centre exceeds 1.4 billion USD.

Since the first day of working in the region the company pays special attention to charity issues and provides support to socially disadvantaged groups (elderly people, people with disabilities) as well as vocational schools students.

Innovative products

In 2018 Philip Morris Izhora launched production of low-risk innovative products. Launch of the new lines for production of tobacco units for IQOS became the result of implementation of the first phase of the investment project on localization of innovative products manufacture at Philip Morris Izhora factory within the frameworks of a large-scale investment programme of PMI aimed at development of hi-tech production in Russia.

During the Russian Investment Forum – 2019 the top management of the affiliated companies of Philip Morris International in Russia and the Government of Leningrad Region signed an agreement on implementation of the second phase of the investment project on localization of manufacture of innovative products in Leningrad region. According to the project the company plans to invest about 6 billion rubles in modernization of Philip Morris Izhora factory in 2019-2020, including installment of three production lines of tobacco units for IQOS (in addition to other two already launched in 2018), installment of one production line for preliminary processing of tobacco for tobacco units, modernization of buildings and engineering systems of the factory, as well as construction of treatment facilities.

After implementation of two project phases Philip Morris Izhora will become a full cycle factory for production of tobacco units which will contribute to expansion of advanced technologies, development of export potential of Leningrad region, reservation of highly qualified jobs and will provide a wide range of opportunities for cooperation in the sphere of applied science and research, education, labour exchange.

1998

Laying of the foundation stone of the factory

2000

Solemn opening of the factory, launch of production of Marlboro cigarettes in Russia

2018

Completion of the first phase of the investment project on localization of innovative products manufacturing at Philip Morris Izhora factory

2019

Signing of the agreement between the Government of Leningrad Region and top management of PMI in Russia on implementation of the second phase of the investment project on localization of innovative products manufacturing at Philip Morris Izhora factory

6 billion rubles

volume of planned investments within implementation of the second phase of the investment project on localization of innovative products manufacturing at Philip Morris Izhora factory



Five times in a row the affiliated companies of PMI in Russia, including Philip Morris Izhora, were recognized as one of the best employers in Russia, according to Top Employers Institute.

Philip Morris Izhora is a laureate of a contest Business Developing Region – 2018 in the nomination “Successful investment activity”, Enterprise of the Year – 2017 in the nomination “Best production enterprises in tobacco industry”, the winner of a regional contest “Leaders of corporate charity 2018 in Northwestern federal district”.



Philip Morris International is one of the largest foreign investors in Leningrad region and it has been successfully operating in the region for more than 15 years. Over the last years the company invested more than 1.4 billion USD in development of Philip Morris Izhora factory which proves its confidence in economic stability of Leningrad region and favourable investment climate established by regional authorities.

Konstantin Soloviev
CEO of Philip Morris Izhora

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Roskar Poultry Farm

Vyborgsky district



Production of eggs and broiler chicken meat

 **Year of establishment:** 1972

 **Volume of production (per year):**
1.25 billion eggs
22,000 tonnes of chicken meat

 **Volume of investments:**
over 15 million USD per year

 **Number of employees:**
1,150 people

About the company

Roskar Poultry Farm is the only poultry farm in Russia and Europe which manufactures both eggs, products of eggs processing and broiler chicken meat. The factory has existed at the market since 1972.

The strategic aim of the enterprise is manufacture of safe and healthy food products. The company sees its social mission in establishment of the culture of egg and poultry meat consumption, popularization of functional food.

- 2003 – “The Best Company in the World” in production of eggs, according to International Eggs Commission, London
- 2017 – the first exporter of egg products to the European Union
- 2017-2019 – capacities for processing of eggs and production of biochar unique for the Russian Federation were launched
- a laureate of many prestigious Russian and international exhibitions
- a member of the Chamber of Commerce and Industry, Russian Poultry Union, Agro-300 club, Uniscan, etc.

About the products

- eggs enriched with iodine, selenium, Omega 3, carotenoid, micro elements
- broiler chicken meat in various types of packaging and different degrees of processing (from fillet to marinated portioned products with fixed weight)
- all types of egg products (yolks, white, melange) – cooled, frozen or dry
- various functional mixes for B2B segment
- fertilizers and biochar



Geography of supplies: the whole Russian Federation from Kaliningrad to Vladivostok. The enterprise is developing export supplies and delivers products to the European Union and the CIS.

1972

A poultry farm was established

1994

A compound feed mill was launched

1998

Creation of the first in Russia egg brand Extra

1999

The first in Russia egg processing factory was launched

2017

Treatment facilities with capacity of 2,000 m³ per day were launched

2019

The first in Russia biochar factory was launched

2019

Construction of a compound feed mill with capacity of 100 tonnes per hour was launched

Production

Roscar is a closed cycle production plant which includes: a compound feed mill; parent flocks workshops; an incubation workshop; laying hens and broiler chicken keeping system; workshops for sorting and packing eggs with capacity of 620,000 eggs per hour; an egg processing workshop with capacity of 3 million eggs per day; workshops for processing of meat, waste and litter; the latest water treatment system with capacity of 2,000 m³ per day; production and veterinary laboratories; a warehouse complex.



Technical facilities of Roscar consist of modern and high-performance equipment of the most famous international brands in the sphere of poultry farming.



Innovativeness, development and success which our factory has developed over 47 years are not just a coincidence. All this became possible due to the efforts of our wonderful team which interact with the Government of Leningrad Region and local authorities, with clients, suppliers of raw materials and other resources. Roscar gained recognition and love of the residents of Leningrad region and Saint Petersburg which is a joint achievement of all parties interested in development of agriculture and the region. We've managed to unite professional approach, financial prudence, scientific potential.

Valeriy Goryachev
President of Roscar Poultry Farm

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Woodworking industry



A close-up photograph of several stacked wooden planks, showing their natural grain and texture. The planks are light brown and are arranged in a slightly overlapping manner, creating a sense of depth and texture.

>100

large and medium-sized enterprises

14.8 thousand
people

average number of employees

22.8 billion
rubles

volume of shipped goods of own
production (2018)

>7.3 billion
rubles

volume of investments in fixed assets

Cluster of wood processing industry

The cluster is being established since 2018 and consists of the regional enterprises dealing with wood processing, manufacture of wood products, paper and paper products, wooden furniture.

13 industrial
enterprises

2 educational
institutions

2 technological
infrastructure
facilities

1 development
institution (Industry
Development Centre
of Leningrad Region)

LEADER

A joint investment project (total cost – 163 million rubles) on expansion and modernization of production is being implemented within the cluster. The project will result in increase in the volume of furniture produced for IKEA by Leader, packaging materials produced by Karton-Plus North-West and lumber produced by Firo-O.

Metsä Svir

Vazhyny, Podporozhsky district



Production of dry spruce lumber materials

⚙️ **Production capacity:** 280,000 m³ of dry lumber per year, 150,000 m³ of woodchips and 100,000 m³ of sawdust per year

🏗️ **Investments in construction:** over 60 million euro

🏗️ **Investments in development:** up to 1 million euro annually

👤 **Number of jobs:** 115

About the company

Metsä Svir sawmill is a part of Metsä Group which is a fore-runner in production of wood products, pulp, fresh fibre paperboards, tissue and greaseproof papers utilising renewable wood from sustainably managed northern forests.

Metsä Svir is one of the most modern wood processing mills in Russia which produces high quality dry spruce lumber (as well as by-products: woodchips and sawdust).

The sawmill's policy is that only legally sourced sawlogs are used in processing. The company is certified by PEFC and FSC standards. Currently 50% of raw materials are delivered to the mill by companies which have international forest management certificates FSC and PEFC. The other suppliers go through strict origin checks to ensure that their wood is legally sourced.

Deliveries of sawing raw materials to the sawmill are provided by Metsä Forest Podporozhye LLC which is also a part of Metsä Group.

Metsä Svir is one of very few enterprises in Russia that produce a wide range of lumber materials of different length and size. The company has a Finnish approach to sawmilling process. The use of different length sawlogs increases the lumber output. Moreover, lumber materials of different lengths are more demanded at the foreign construction materials markets.



The factory mostly exports its products to the European, Asian and Middle-Eastern markets. Over the last few years export to China has significantly increased. Moreover, with the diversified structure of shipments, different logistics schemes are used, which allow the company to be less dependent on the market of container line services.

2004

Svir Timber began its investment activity in Leningrad region

2006

The sawmill and production were launched

2011

1 million cubic metres of lumber was produced

2011

Compliance with international forestry certification was confirmed

2019

3 million cubic metres of lumber was produced

Technologies and equipment

From 2014 to 2018, assuming that the volume of round timber processed remained the same (about 500 thousand m³), the volume of produced lumber increased from 230 to 280 thousand m³ per year.

The most important piece of equipment in the sawmill is the Heinola chipper-canter. Such machines are characterized by their high reliability and productive output, their constructive potential allows carrying out modernization in accordance with the changing aims of the sawmill.

Although the chipper-canter technology is not the most efficient for maximum lumber output, the company managed to reach an output rate in lumber production at the level of 55-56%.



Metsa Svir is one of the **top 10** sawmills in Russia in terms of the volume of production and other performance indicators



The investment project of Metsa Group and Leningrad region, as a result of which the region received a modern production facility for wood processing, is a great example of mutually beneficial partnership between business and the state. Today Metsa Svir sawmill is one of the best wood processing enterprises in Russia. The key to its success is highly technological equipment combined with a good raw material base and professional, results-oriented personnel. Due to this project the wood processing enterprise, equipped with the most advanced technologies, was created and is successfully developing in Leningrad region.

Vyacheslav Kanatov
CEO of Metsa Svir

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Smurfit Kappa Saint Petersburg

Vsevolozhsk, Vsevolozhsky district
Kommunar, Gatchinsky district



Production of corrugated
cardboard packaging

 **Year of establishment:** 1996

 **Volume of production:**
329 million m² of corrugated
cardboard, 21 million Bag-in-Box
bags per year

 **Volume of investments:**
440 million rubles

About the products

The main product of Smurfit Kappa is corrugated cardboard packaging, used for both transportation and display of goods in shops. Paper-based packaging is one of the most ecologically sustainable ways of packaging, as it is made of renewable, biodegradable material, which is important if the packaging ends up in a landfill.

In Vsevolozhsk the company produces Bag-in-Box packaging bags which also reduce the amount of plastic used by the manufacturers of soft drinks, cleaning supplies and hygiene items, effectively substituting for traditional plastic packaging.

About the company

Smurfit Kappa Group is one of the leading suppliers of paper packaging in the world, and is a part of the FTSE 100 list, with sales volume of 8.6 billion euro (in 2017). About 46,000 people are employed in 370 enterprises of the Group scattered over 22 European countries and 13 countries in the American continent. In Russia Smurfit Kappa is represented by four factories with the total number of employees amounting to 800 people.

Smurfit Kappa Saint Petersburg has been successfully working on the corrugated cardboard and food packaging bag market for over 20 years. The company actively supplies products to other Russian regions and exports to the near abroad. Amongst the consumers are the largest Russian and international companies: Mondelēz, Unilever, Jacobs, Nestle, Heineken, Orimi, IKEA, Reckitt Benckiser, Viciunai, Danone, Multon, and others.

Export markets: Northwestern federal district, Finland, Estonia, Lithuania, Latvia, Poland.



In autumn of 2018 the company launched a large-scale initiative “Better Planet packaging” which aims to develop innovative and cost-effective alternatives to plastic, which pollutes the World Ocean.

1997

The AssiDoman factory for production of corrugated cardboard packaging was opened in Vsevolozhsk

2005

Smurfit Kappa Group was created, comprised of Jefferson Smurfit and Kappa Packaging

2001-2007

Significant modernization of the equipment was carried out, the second line of the factory was opened, increasing the productive capacity of the plant

2008

Production of Bag-in-Box packaging for liquid food products was launched

2011

A factory for production of corrugated cardboard in Kommunar was bought from SCA concern

Equipment

The company has high quality flexography machines, rotary and flat die cutting machines, multi-point gluing machines and a corrugator.

The company has the following international certificates:

- FSC (License FSC-C114369)
- ISO 9001:2008 (DNV-GL)
- FSC 22 000 (DNV-GL)
- ISO 14001 (DNV-GL)
- OHSAS 18001 (DNV-GL)
- Membership AB in SEDEX
- SMETA audit



Smurfit Kappa Saint Petersburg constantly increases its productive capacity, expands and modernizes its equipment. Significant investments have been directed not only to increase production output and the level of automation, but also to improve the infrastructure and working standards for the company's employees. Such measures allowed increasing labour productivity and productive output. I would like to emphasize that this successful work would have been impossible without stable economic policy of Leningrad region, the continuity and improvement of incentive measures for investment activity of regional enterprises.

Patrick Strom
CEO of Smurfit Kappa Russia

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Production of MDF boards, interior doors, mouldings and lumber materials

Volume of production (per year):


120,000 m³ – MDF boards

30,000 m³ – LMDF boards

129,000 m³ – lumber materials

350,000 m³ – door units

10,800,000 linear meters –
mouldings

 Number of jobs: 730

About the company

Lesplitinvest is one of the largest manufacturers of MDF boards in Russia. Production facilities of the factory are located in the 42 ha territory in Priozersk where one of the largest wood materials base of Northwestern district is situated.

Excellent raw materials, modern equipment, compliance with quality requirements, qualified personnel, strict control of production culture are the main components of success of the products manufactured by Lesplitinvest at the domestic and international markets.

About the products

MDF boards. Are used for production of furniture and furniture facades, wood mouldings and interior doors. The range of products include waterproof and laminated MDF boards.

Interior door leafs. The enterprise manufactures about 100 types of doors under Ladora trade mark and the same number of construction mouldings including those with installed fittings – hinges, locks, etc.

Mouldings. Are used for final decoration of door and window frames, joints between boards and floor, for production of door units, platbands.

Lumber materials. The enterprise manufactures both dry (100% is exported to Europe, China, Israel) and wet (sold at the domestic market) lumber materials.



Lesplitinvest has established logistics, including own railways which allows carrying out delivery of products to any place in Russia and in the world.

Sales geography is extensive: it includes both domestic market and neighbouring countries.

Products of the sawmill under Soyuz brand is in demand abroad (Finland, Estonia, Latvia, Germany, Egypt, China, Israel, Jordan, Syria).

1994

The factory was established

2004

MDF production line was launched

2007-2012

Construction of a workshop for production of interior doors and mouldings

2014

MDF lamination line was launched

2015

Non-waste production of dry board was launched

The history of the enterprise started with a pulp and paper mill established in 1929 by a German family Waldhof in the territory of the former Finland.

Zero waste technologies

Lesplitinvest is a modern complex for deep processing of wood using environmentally friendly zero waste technologies. Waste products of the sawmill – industrial chips – are used in production of MDF board. Waste products of MDF production as well as sawdust, bark and other wood waste are utilized in the own boiler room for heat generation (steam). The steam of the own boiler room is used for drying lumber in drying tunnels, for MDF production and for heating main and auxiliary workshops.



Lesplitinvest holds leading positions among wood processing companies of Northwestern district which allows us to actively participate in implementation of government projects and attract additional subsidies. We concluded agreements with the Government of Leningrad Region for obtaining tax benefits. These measures of support are extremely important for sustainable development of both the enterprise in particular and the region on the whole. The company in its turn contributes to improvement of social and economic situation in the region providing its population with new jobs. I would like to pay special attention to the fact that we carry out our activities focusing on growth and development of production taking into consideration reasonable forest management, that is why reforestation is one of important directions of our work.

Yaroslav Koshitsky
CEO of Lesplitinvest

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KNAUF PETROBOARD

Kommunar, Gatchinsky district



Production of boxboard and linerboard

-  **Year of establishment:** 1982
-  **Production capacity:** 230,000 tonnes of cardboard per year
-  **Number of employees:** 787 people

About the company

KNAUF PETROBOARD is the largest production and trade company in Russia with more than 30 years of experience.

Since 2008 KNAUF PETROBOARD has been a member of the international KNAUF Group, one of the largest producers of construction materials in the world.

The history of the company begins in the mid-seventies when a decision on construction of Leningrad cardboard factory was made according to the Decree of the Council of Ministers of the USSR No. 2222r on construction of enterprises for production of boxboard from waste paper. But official foundation date is considered to be 31 January 1982 when the first duplex cardboard was produced.

About the products

The main activity of KNAUF PETROBOARD is production and sale of boxboard and linerboard. Linerboard is used for production of gypsum building boards. Boxboard is used for production of individual multicoloured packaging.



Share of the company's products at the Russian market (2019)



Products of KNAUF PETROBOARD are also sold in Europe and the CIS.

1982

Launch
of cardboard
production

1992-1993

Privatization
and
corporatization

2014

Joining
to KNAUF
PETROBOARD

>250 million tonnes of waste paper

recycled by the enterprise per year
(recycling of 1 tonne of waste paper
replaces about 3.6 m³ of wood)



On 2 July 2017 the Government of Leningrad Region and KNAUF PETROBOARD concluded a Cooperation agreement on implementation of the investment project on modernization of cardboard making machine No. 2. The project was successfully implemented. In 2019 the Russian market received cardboard of high quality for production of gypsum building boards, the volume of export to Europe was increased. The environmental burden on the Izhora River was reduced.

Yuri Mikhailov
CEO of KNAUF PETROBOARD

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International Paper

Svetogorsk, Vyborgsky district

Tikhvin, Tikhvinsky district



Production of office and offset paper, cardboard for packaging of liquid food products, thermomechanical cellulose

 **Year of establishment:** 1998

 **Volume of investments:**
over 2 billion USD

 **Number of employees:**
1,700 people

About the company

International Paper started operating in Russia in 1998. The main directions of work of the company are production and sale of office and offset paper, cardboard for packaging liquid food products, thermomechanical cellulose.

The production processes are concentrated in the industrial complex owned by the company in Svetogorsk, Leningrad region. The company invested more than 750 million USD in modernization and development of this complex. The industrial complex is one of the largest and most modern pulp and paper mills in Russia. International Paper is a co-owner of a joint venture Ilim Group which is the largest partnership with foreign participation in Russian forest industry. Since 2011 all forest management operations of International Paper Russia are accumulated at the enterprise in Tikhvin.

About the products

The most famous brands of International Paper in Russia are SvetoCopy and Ballet. The pulp and paper mill in Svetogorsk produces bleached thermomechanical mass which is used in production of a wide range of paper products, such as coated cardboard, office and offset paper, sanitary and hygienic products, etc.



>11 million USD

total volume of investments of International Paper Russia in development of the social sphere of the region

The products made by the enterprise are sold at the markets of the Russian Federation, the CIS, Europe, the Near East, Africa and Asia.

Environmental policy

Environmental activity of the company is aimed at protection of water resources and optimization of water consumption, reduction of environmental impact and introduction of advanced technological initiatives for air pollution control, active promotion of implementation of the project of the best available technology in pulp and paper industry of the Russian Federation.

Forests used by International Paper in Russia, leased or managed ones, as well as wood supply chains are certified according to the standards of the Forest Stewardship Council (FSC). Application of FSC certification principles allows conserving biodiversity. International Paper together with the state and all interested parties work on establishment of efficient dialogue and responsible interaction among all participants of forest industry for conservation and development of forests within the sustainable forest management model.

International Paper is a participant of working groups under the Ministry of Natural Resources and Environment of the Russian Federation and the Government of Leningrad Region on improvement of the forest legislation and it also actively works on promotion of the sustainable forest management model.



150 million
USD

volume of planned investments up to 2021 in modernization of production capacities of the pulp and paper mill in Svetogorsk and execution of obligations in the sphere of safety and environment



Russia is a strategically important region for International Paper and we are proud that we have established reliable, successful and sustainable business with excellent management team, strong customer base and significant opportunities for further development. International Paper occupies leading positions in Russia and actively exports its products which meet European and world quality standards.

Keith Townsend
President of International Paper Russia

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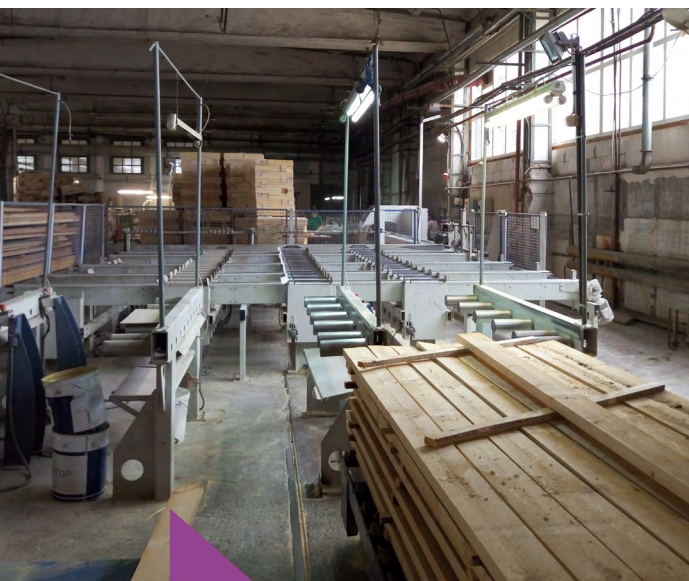
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Leader

Priozersk, Priozersky district



Production of solid pine furniture
(chairs, stools)

 **Year of establishment:** 1945

 **Volume of production:** 25,000
items per month

 **Number of employees:** 240 people

Modernization

Further modernization plan of the factory is being developed in order to increase the volume of produced goods by 50%. The planned modernization will allow improving environmental indicators and industrial safety indicators.

Currently the enterprise constantly organizes events aimed at reduction of the negative impact of production activity of the enterprise on the environment, namely reduction of air pollutant emissions, noise reduction, prevention of waste dumping to water bodies and of soil pollution.

About the company

Leader specializes in production of solid pine furniture (chairs, stools). The enterprise started operating in January 2015 at the production capacities of the former enterprise Priozersky Wood Processing Plant which was declared bankrupt.

The produced goods are mostly purchased by an international concern IKEA.

Leader is sustainably developing. The enterprise is gradually modernizing its furniture production in order to increase the volume of produced solid pine goods.

The furniture is made of coniferous wood – pine of North-western federal district of the Russian Federation, all raw materials are certified in accordance with FSC standards.

Leader sells its products in Russia, America, Canada, Poland, Germany.



In order to provide production growth the enterprise received a target loan amounting to 67.5 million rubles from Industry Development Fund for technical re-equipment and creation of competitive production on the basis of advanced technologies. Moreover, 76 million rubles were invested by virtue of stakeholders and credits.

1945

Production of lumber for restoration of Leningrad was launched

1948-1957

Furniture production – tables, benches, stools, wardrobes – was launched

1966-1971

Export of products to Great Britain, Holland, Germany and Finland was established

1979

The first contract with a Swedish production and trading group of companies was concluded

2013

Priozersky Wood Processing Plant was declared bankrupt, its production facilities were purchased by Leader

The volume of production amounted to 158 million rubles in 2015, 452 million rubles in 2016, 391 million rubles in 2017 (reduction is connected with modernization of production and development of new types of products), 470 million rubles in 2018.

>1,500

chairs and stools are produced by the enterprise daily



The enterprise was created in the territory of the oldest in Russia production facility manufacturing chairs for IKEA. We started with production of 139,000 chairs in 2015 and in 2018 we produced 311,000 chairs amounting to 470 million rubles. The enterprise plans to increase production by 550,000 chairs in 2021. We would like to thank the Government of Leningrad Region for the support and Industry Development Fund for the provided soft loan.

Vladimir Pozdyakov
CEO of Leader

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Paper Mill Kommunar

Kommunar, Gatchinsky district



About the company

Paper Mill Kommunar is one of the oldest paper mills in Russia established in 1845 by British entrepreneurs. Over its long history the factory lived through both change of owners and various stages of cooperation.

The enterprise pays special attention to improvement of the quality of its products. Since 2002 the quality management system in accordance with international requirements of ISO 9001:2015 standards has been successfully functioning at the factory.

Production of paper for packaging and corrugation, cardboard, recycled pulp



Year of establishment: 1845



Volume of production:
93,502 tonnes (plan for 2019)



Volume of investments:
160 million rubles



Number of employees: about 500

About the products

- **ODP-35 paper.** It is used for packing metal goods.
- **Kraft paper.** It is used for packing food and non-food products with humidity not more than 15%, for production of bags and as a base in production of sealing tape activated by wetting.
- **Corrugating paper.** It is used for production of corrugated layer of corrugated cardboard.
- **Cardboard for flat layers.** It is used for production of flat layers of corrugated cardboard.



to **59**
countries

Kommunar exports its products. Export volume is 27%. The largest counterparties are Russian enterprises: GoteK, Smurfit Kappa Saint Petersburg, Baltic Cellulose, Orion, Triumph-Pack.

Equipment

The factory is equipped with four paper machines, production capacities are loaded by 99%.

Characteristics of production: dissolution of waste paper materials, pressing, drying, rolling, cutting of products by formats, paper and cardboard packaging.

An automated gas boiler with two steam boilers was launched in 2015. In 2019 it is planned to purchase new equipment, carry out installation works on modernization of grinding department of paper machines.

93,502

tonnes of products

planned volume of production
in 2019



More than 90% of employees live in Kommunar, so our enterprise actively cooperates with the Administration of the town of Kommunar by means of participation in social programmes of the town which contribute to improvement of the standard of living and environment in the town. We concluded an agreement on participation in industrial activity of the forest industry cluster of Leningrad region.

Sergey Dikunets
CEO of Paper Mill Kommunar

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Ilim Gofra

Kommunar, Gatchinsky district



Production of corrugated cardboard

 **Year of establishment:** 2008

 **Volume of production:**
140 million m² of corrugated
cardboard per year

 **Number of employees:** 271 people

About the company

Ilim Group is a leader of pulp and paper industry in Russia and one of the leading industry players in the world. Ilim Group includes three largest pulp and paper complexes and two modern corrugated cardboard factories, one of them is located in Kommunar, Leningrad region.

The plants of the company manufacture 75% of all commercial cellulose, 20% of cardboard and 10% of paper in Russia.

About the products

The enterprise manufactures three-layer and five-layer corrugated cardboard with a wide range of used corrugating roll moldings with brown and white upper layers, American four-valve corrugated boxes, corrugated products with multipoint gluing with opportunity of full-colour printing. The average volume of produced goods is 125 million m² per year.



The produced goods are sold at the market of Northwestern federal district (Saint Petersburg, Leningrad, Pskov and Novgorod regions), Belarus, Latvia.

The enterprise is in

top 3

corrugated packaging manufacturers in Northwestern federal district, it occupies 10% of the Belarusian market.

2008

A new modern corrugated cardboard factory was established in Kommunar

2018

A new fold sealing line Vega (Italy) was launched

2019

Installation of a high-quality printing line Celmach Chroma Print EVO 1700 (Italy) together with a punching press Asahi (Japan)



Equipment

The equipment park consists of hi-tech modern equipment.

The enterprise is equipped with a corrugator of a world leader – BHS company (Germany), six processing lines with the possibility of full color flexographic printing, including rotary die cutting of Martin (France), flat die cutting and printing line of Celmach Chroma Print EVO 1700 (Italy) together with a punching press Asahi (Japan), as well flat die cutting and printing line of Bobst (Switzerland).

The available production capacities allow manufacturing boxes and pallets of almost all sizes and design.

In 2007 International Paper became a strategic partner of Ilim Group within a joint venture.



Last year Ilim Gofra celebrated the 10th anniversary of its corrugated cardboard factory in Kommunar. Over these years we have increased the volume of production from 3 million m² to more than 10 million m² per month, and the structure of finished goods has changed – the share of complex products has increased. The company plans to continue expansion of its presence at the market of Leningrad region due to a five year investment programme which includes growth of capacity by 30% in 2019-2023.

Vladimir Shoshin
COO of Ilim Gofra

Contacts

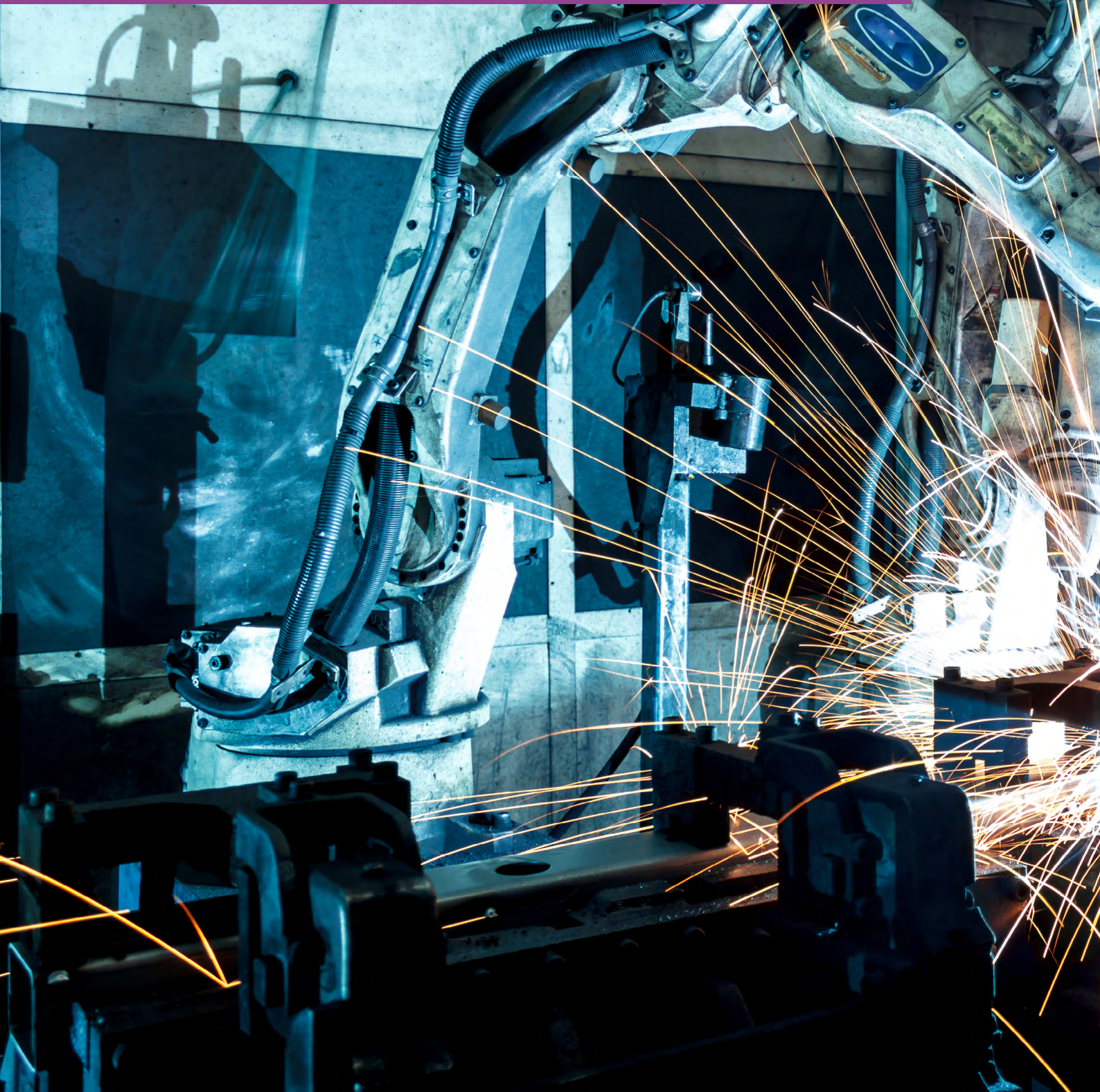
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Mechanical engineering, production of vehicles and equipment





>30

large and medium-sized enterprises

31.5 thousand
people

average number of employees

125.6 billion
rubles

volume of shipped goods of own
production (2018)

1.7 billion
rubles

volume of investments in fixed assets

Projects being implemented

KAPRI

Creation of vehicle production (trailers for transportation of petroleum products, methanol, chemical liquids and other specialized cargo).



Volume of investments:
1 billion rubles



Number of jobs: 120



Implementation period: 2020

NOVOTRANS AKTIV

Construction of Baltic Carriage Repair Plant of Novotrans. Production capacity of the plant will come to 30,000 carriages per year.



Volume of investments:
1.5 billion rubles



Number of jobs: 1,500



Implementation period:
fourth quarter of 2020

Siemens Gas Turbine Technologies

SIEMENS
*Ingenuity for life**

Gorelovo industrial zone, Lomonosovsky district



About the company

Siemens Gas Turbine Technologies (SGTT) is a joint venture of Siemens AG (65%) and Power Machines (35%). The official opening of the factory took place on 18 June 2015. SGTT is a competency centre in the sphere of gas turbine construction and a market leader for generating companies on the basis of large gas turbines.

About the products

The enterprise develops, produces, sells and services gas turbines with a power of over 60 MW for the Russian and CIS markets. The turbines are used at thermal power stations for production of electric and thermal energy.

The main products: Siemens SGT5-2000E gas turbine with capacity of 187 MW (35 gas turbines of such type are installed in Russia), Siemens SGT5-4000F gas turbine with capacity of 329 MW (17 turbines of this type are installed in Russia).

SGTT is a multifunctional energy complex which not only produces turbines, but also provides services and maintains them using remote monitoring, as well as repairs turbine blades.

Production of gas turbines

 **Year of establishment:** 2011

 **Volume of investments:**
over 110 million euro

 **Number of jobs:** 300



62%

localization level
of 2000E gas
turbine – one
of the most
demanded
at the Russian
market among
the whole range
of large turbines
of Siemens

1991

Interturbo (predecessor of SGTT) was founded in Novodevyatkino

2011

Siemens Gas Turbine Technologies was created

2012

The first project with installation of SGT5-4000F: Yuzhno-uralskaya Thermal Power Plant-2

2015

Opening of a new production complex in Gorelovo

2016

Launch of a remote diagnostics monitoring centre for gas turbine equipment

2018

Opening of a new repair and restoration department for gas turbine blades



SGTT won the nominations "Best enterprise of Leningrad region – 2016" and "Industry locomotive – 2017"

In 2017 the enterprise updated three turbines SGT5-4000F of Nyaganskaya Thermal Power Plant to the latest version. For the first time in the world modernization was carried out directly at the power plant.



Historically, Siemens views the Government of Leningrad Region as one of its most important partners for business and investments. When choosing a place for factory construction, our specialists considered over 30 sites. SGTT produces high power gas turbines, which are heavy, massive goods that require complex logistics system. To ship such products, access to a railroad or waterway where such goods can be transported is required. The infrastructure of Gorelovo allows SGTT to organize the necessary logistics.

Nico Paetzold
CEO of Siemens Gas Turbine Technologies

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Tosnenskiy Mechanical Plant

Tosno, Tosnensky district



Production of road maintenance machinery



Year of establishment: 1982



Volume of investments:
over 669 million rubles



Volume of production:
300-350 items per year



Number of employees: 250 people

Equipment

Technical facilities allow the plant to localize the whole production process from metal material to ready-to-use products.

All machines and equipment are equipped with modern CNC centers which allow carrying out cutting, bending and turning operations. The plant also has a painting line for long-lasting high-quality coating and automated line for brush disk production.

A mobile area for assembling and installation of attachments allows assembling machines almost as easy as LEGO and a special hydraulic area allows testing various hydraulic systems.

About the company

Tosnenskiy Mechanical Plant (ToMeZ) is the leading manufacturer of road maintenance machinery and roadway cleaning equipment based in Northwestern federal district.

The enterprise mainly produces combined machines for road maintenance based on domestic and foreign truck chassis.

ToMeZ has a fully integrated line (from R&D to implementation) for production of automatic control systems, brush disks and hydraulic cylinders.

Combined machines for road maintenance and machines for housing and public services manufactured by ToMeZ successfully operate in all regions of the Russian Federation. The main customers and consumers of the produced machines are administrations of cities and regions, private and unitary road enterprises responsible for repair, construction and maintenance of roads.



10%

share of ToMeZ at the road machines market

Since 2012 production volume of combined machines for road maintenance exceeded 1,700 vehicles, excluding attachments, completion and modernization of already existing machines for housing and public services.

1982

Foundation of Tosnenskiy Mechanical Repair Plant for production of ameliorative equipment

1992-1994

Company profile shifted to combined machines for road maintenance production (ToMeZ)

2004

Patent for SOKOL universal machine was received and mass production was launched

2012

Large-scale modernization of production was launched

2017

Launch of a pilot batch of garbage machines and of a modular asphalt pavement plant (joint projects with the Ministry of Industry and Trade in R&D)

About the products

The plant carries out mass production of 15 certified types of combined machines for road maintenance which include:

- a multi-purpose vehicle SOKOL with hydraulic hook grabbing mechanism
- autonomous liquid spreading system ARKTOS (domestic production, no analogues)
- autonomous solid spreading system with pre-wetting URSUS
- mobile equipment for the city environment, road repair machines (crack sealing machine, model ED-135), road sweeping and cleaning machine, model PUM-6X

The company is planning to launch new production line for roadway repairing market: a thermal bunker, pneumatic spraying systems and to master IR-technology of roadway repair.



ToMeZ has the widest range of snow ploughs among all manufacturers of road maintenance solutions in Russia. The average annual volume of production is 360 items.



Our company has necessary experience and over many years of work it has proved to be a manufacturer of high-quality and reliable equipment. Within production process we take into consideration conditions, specific features, operation experience, requirements and trends of this market. ToMeZ is a bright example of efficient import substitution. Not coincidentally we entered the list of systematically important enterprises of Leningrad region and later – the list of organizations that have significant impact on industry and trade of the region. All the above mentioned allows us to receive significant support from the region and the Federation.

Maxim Yarkov
CEO of ToMeZ

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Vyborg Shipyard

Vyborg, Vyborgsky district



Construction of various types of civil vessels, offshore drilling platforms, upper structures modules of platforms for oil and gas field development

 **Year of establishment:** 1948

 **Area of the shipyard:** 44.18 ha

About the products

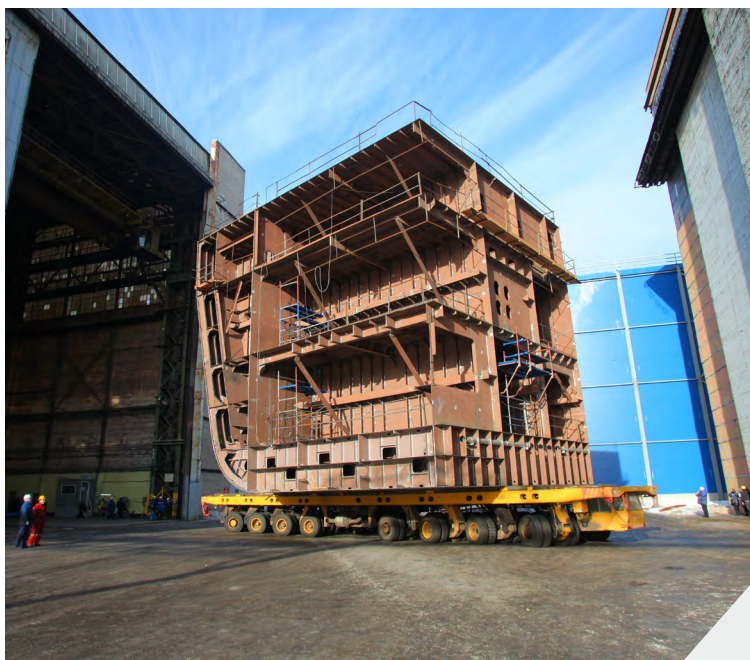
- semi-submersible and self-lifting drilling rigs (including those for work in the Arctic seas)
- multi-purpose platforms
- dry cargo and bulk sea vessels of transport fleet
- outfitting hulls of trawlers and platform supply vessels
- tugboats, block-modules of drilling platforms
- special purpose vessels
- rescue vessels
- landing crafts
- icebreakers, icebreaking support vessels, fishing trawler processors
- supply vessels
- research vessels

About the company

Vyborg Shipyard is one of the largest shipbuilding companies of Northwestern federal district. Over the years of its work (established on 12 November 1948) the Shipyard have constructed more than 220 different vessels, 9 offshore drilling platforms and 105 upper structures modules of platforms for oil and gas field development.

The main direction of the Shipyard's activities is construction of various types of civil vessels: ice class vessels, supply vessels, icebreakers, fishing vessels and drilling platforms for oil and gas field development.

Vyborg Shipyard is the member of the Russian Union of Mechanical Engineers, Association of Shipbuilders of Saint Petersburg and Leningrad Region. In 2012 Vyborg Shipyard became a member of United Shipbuilding Corporation.



One of the key markets is provision of technical means for development of Arctic offshore fields Prirazlomnaya, Shtokmanovskoye, Bovanenkovskoye, Kharasaveyskoye, Kruzenshternovskoye and Novoportovskoye, and also provision of fishing trawlers to Northwestern federal district.

1948

The Shipyard was established, construction of landing crafts and tank landing ships

1978

Launch of construction of offshore floating drilling rigs for exploration and production of oil and gas

1997

Construction of a floating spaceport together with companies from the USA, Norway, Ukraine

2012-2016

Construction of innovative diesel-electric icebreakers for Rosmorport

2018

Vyborg Shipyard handed over two icebreaking support vessels Alexander Sannikov and Andrey Vilkitsky to Gazpromneft Shipping

Equipment

Vyborg Shipyard has unique production capabilities and water area for construction of various types of offshore floating drilling rigs and construction of large outfitted steel structures, including topside modules of fixed drilling platforms.

The production facilities include a shipyard for primary processing and production of metal structures, a block assembly department, a hull assembly department, an outdoor assembly berth, painting cells. Ship hulls are moved by means of a special train.

Two outfitting quays with gantry and floating cranes are used for completion of vessels. A flooding dock and a semi-submersible barge Atlant are used for launching floaters.

>1.55 million tonnes

total displacement of vessels built by Vyborg Shipyard since it was established



At all life stages Vyborg Shipyard introduced new technologies in the most efficient way, and as a result, the quality and reliability of our products is deservedly valued at the Russian and global markets.

The bright and rich history of the Shipyard is an example of dedicated work which enables to achieve goals and keep pace with the times.

Alexander Soloviev
CEO of Vyborg Shipyard

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Pella

Otradnoe, Kirovsky district



Construction of fishing and technical vessels

 **Year of establishment:** 1960s

 **Volume of investments:**
6.2 billion rubles

 **Volume of production:**
up to 10,000 tonnes of metal and
up to 14 vessels per year

 **Number of employees:**
2,400 people

About the company

Pella Shipyard constructs fishing and technical vessels (seagoing tugboats, rescue vessels, icebreakers, arctic class supply vessels, auxiliary vessels, service boats) for provision of service to various ships and vessels in ports and water areas. In total, around 130 ships and vessels were supplied to all Russian regions or exported elsewhere.

In 2016 a new shipbuilding complex was launched which allowed building modern ships, special research vessels and fishing vessels with length of up to 100 m, not less than 8 vessels a year. Today this is the only compact shipyard in Russia.

About the products

The shipyard has two production facilities:

The production facility No. 1 (total area – 13 ha, in the centre of Otradnoe) for construction of fishing vessels, tug boats, service boats, pilot boats, pleasure boats and other vessels made of steel, aluminum, composite materials with the length of not more than 50 meters and draught up to 3.5-4 meters (because of the rapids of the Neva River).

The production facility No. 2 (5 km away, total area – 22 ha) is located at the border with Saint Petersburg. Lack of the rapids at the Neva River allows constructing modern sea vessels with the total length of up to 100 m and draught – up to 6 m.



On 14 November 2013 the project for construction of the new Pella facility (the compact shipyard) was approved by the Supervisory Council of the Agency for Strategic Initiatives chaired by Vladimir Putin.

2013

Decision on creation of a new compact shipyard was made. The project was approved by the Supervisory Council of the Agency for Strategic Initiatives

2016

A commissioning permission was received. Transferred to customers: 4 tugs, 2 arctic class rescue tugs, longline fishing vessels

2017

Transferred to customers: 6 tugs, 4 special speedboats, 2 arctic class rescue tugs, a tug (for export in Estonia). Launched: 2 ships (length – 67 m), 2 special research vessels (about 64 m and 104 m), a special speedboat. Laid down: 2 trawlers with the length of 70 m, 2 trawlers with the length of 61 m

2018

Transferred to customers: 2 tugs, 2 special speedboats, a vessel with the length of 67 m, a research vessel with the length of 64 m. Launched: 2 vessels with the length of 67 m, the first in Russia crab fishing vessel with the length of 50.5 m

2019

Transferred to customers: a tugboat (for a commercial customer), a vessel with the length of 67 m. Launched: 2 trawlers with the length of 70 m, 2 trawlers with the length of 61 m



15.5 billion rubles

annual volume of production of Pella (plan for 2019)

Over the last three years Pella:

- built, tested and launched 21 vessels, including 2 powerful arctic class rescue tugs, a longline fishing vessel (exported to Norway)
- launched for completion and testing 9 sea vessels, including trawlers Andromeda and Castor with the length of up to 70 m, trawlers Scorpio and Leo with the length of 60 m and the first in Russia crab fishing vessel Rus
- is constructing 7 vessels: modern hi-tech fishing vessels – trawlers and crab fishing boats



In 2016 a new compact shipyard with the navigable depth of 6 m was accepted into service which allows us to construct sea vessels with the length of 50-100 meters (a historically existing site with the waterway depth of the Neva River amounting to 4 meters allows constructing vessels not longer than 50 meters). The Government of Leningrad Region concluded an agreement on provision of regional support to this project as its implementation will attract investments (6 billion rubles), create at least 1,200 new highly technological workplaces, and contribute to increase in industrial output from 4.7 billion rubles in 2016 to 15.5 billion rubles in 2019.

Gerbert Tsaturov
CEO of Pella

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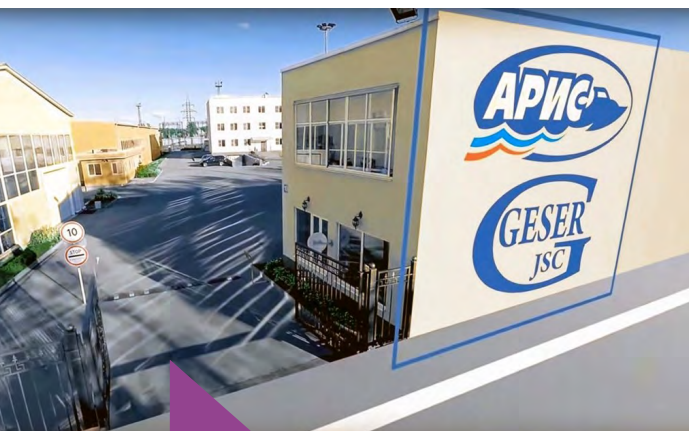
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Aris and GESER

Otradnoe, Kirovsky district



About the company

Aris and GESER Group of Companies was founded in 1999 as a manufacturer of ship furniture. Continuous improvement of technologies, use of modern equipment and original design solutions allow keeping high technological level of the quality of products and services.


Today the enterprise provides the full range of services for construction of navy and civil vessels – from design to commissioning, including production of a wide range of shipboard equipment, outfitting, installation and finishing works.

An investment project “Technological re-equipment and modernization” which will include acquisition of new equipment for increase of the automation level of production is being implemented. The project is aimed at manufacture of products with improved fire resistance, reliability and aesthetic characteristics. The project will be implemented in 2017-2020.

Production of shipboard equipment

 **Year of establishment:** 1999

 **Volume of investments:**
over 800 million rubles

 **Number of employees:**
730 people

530

orders for 40 leading shipbuilding companies were fulfilled by Aris and GESER from its foundation to 2018

About the products

- ship portholes
- external and internal contour doors
- ship covers
- composite and metal furniture
- galley furniture
- sanitary cabins
- modular cladding system
- PPK-53 panels

The company not only produces equipment, but also carries out finishing works at vessels.



1999

The company started working with decoration of small vessels at Sredne-Nevisky Shipyard

2012

Work at Pella Shipyard premises, purchase of land and own facilities

2010

Increase of the volume of produced goods by 80%

2011

Start of active introduction of innovative technologies, purchase of unique equipment, modernization

2018

The certificate for the right to use Made in Leningrad Region logo was received

Certification

The newest technologies and achievements used in production improved the quality of produced goods to the world standards level. High technological level of products and services was approved by Research Institute of Shipbuilding and Armament of the Russian Navy, certified by PMPC, PPP, DNV, Germanischer Lloyd, MED.

Technical cooperation with project organizations such as Almaz Central Marine Design Bureau, Vostok Design Bureau, Vypel Design Bureau, Nevskoe Design Bureau, Severnoe Design Bureau, etc. resulted in wide use of the products and services of Aris and GESER at the vessels of already existing and new projects.



52,000 m²

total area of production facilities, office and warehouse premises



We have established stable interaction with the Government of Leningrad Region and the Administration of Kirovsky District. In 2010 and 2011 our company was announced "The Best Middle-Sized Enterprise". We were also a laureate in the nomination "environmental protection and resources conservation" in Business Developing Region contest in 2017. A session of the Council on Improvement of Investment Climate and Project Management of Leningrad Region with participation of the Governor Alexander Drozdenko was organized in the territory of GESER in February 2018. In January 2018 Aris and GESER Group of Companies received the certificate confirming the right to use Made in Leningrad Region logo.

Yuri Lebedev
CEO of Aris and GESER

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Hovercraft


Podporozhye, Podporozhsky district



Production of air-cushion vehicles (hovercrafts)

 **Year of establishment:** 2005

 **Volume of production:**
not less than 10 vessels per year

 **Number of employees:**
40 people

About the company

For more than 15 years Hovercraft has specialized in designing and production of amphibious hovercrafts (air-cushion vehicles or ACV). The head of the company has more than 45 years of experience in construction of ACV.

Hovercraft produces ACV with passenger capacity from 2 to 44 people. The company has recognition of Russian River Register and Russian Maritime Register of Shipping.

About the products

Amphibious air-cushion vehicles are used for transportation of passengers and cargo in all Russian regions with poor transport accessibility.

ACVs of Hovercraft are used by the Ministry of Emergency Situations of the Russian Federation, regional rescue teams, border service institutions of the Russian Federation. Various construction materials are used for production of hovercrafts, such as aluminium AlMg, structural and stainless steel, fiberglass and carbon fiber. Not less than 10 vessels are produced annually under the supervision of River or Maritime Registers.



Hovercraft is the largest in Russia manufacturer of passenger ACVs with the documents of Russian River Register.

Products of the company are sold in Russia and exported to China and India.

1972

Start of development of hovercrafts in Central Design Bureau Neptun

1974

The first hovercraft made under the project of Neptun Bureau was launched

1976-2000

Development of hovercrafts with various passenger and carrying capacity

2000

The company started working in Leningrad region (under a different name)

2005

Hovercraft moved from Moscow to Podporozhye and constructed the first vessel without participation of the third party manufacturers

Production

The production complex of the enterprise includes a metal preparation section, an assembly shop (riveting, argon gas welding), a composite and molding section (molding of composite superstructures, propeller blades and fans), a machine processing workshop, a heat processing workshop, a 3D printing workshop and an electrical production section.

The company constantly improves the quality of produced goods and component materials

5,000 m²

production capacity of the enterprise, including about 2,500 m² of industrial premises. The enterprise has its own slipway.



Hovercraft is one of few companies with full production cycle which includes aluminum riveting, fiberglass molding, flexible seal sewing, turning and milling operations. The enterprise produces all parts of hovercrafts: aluminum hull, fiberglass superstructure, flexible seal, plastic propeller blades and blower blades, electrical and assembling operations.

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Tikhvin Freight Car Building Plant


Tikhvin, Tikhvinsky district



Production of freight cars

 **Year of establishment:** 2008

 **Volume of production:**
16,500 freight cars (2018)

 **Number of employees:**
over 10,000 people

About the company

Tikhvin Freight Car Building Plant (TVSZ) is a leading manufacturer of new generation freight cars in the CIS countries.

The leading world companies from more than 15 countries – Germany, the USA, Austria, Great Britain, Canada, Spain, Israel, etc. – participated in creation of the modern knowledge-intensive production facility.

The Plant is a part of United Wagon Company, Research and Production Corporation.

The freight cars of Tikhvin Freight Car Building Plant are used for cargo transportation by the largest coal mining companies of our country – Kuzbassrazrezugol and Siberian Coal Energy Company, by the leaders in production of mineral fertilizers – Uralkali, Uralchem, the largest transporters of grain cargoes Rusagrotrans, United Grain Company, etc.

The products of the enterprise are also in demand at the markets of Europe, the CIS, the Middle East countries and Africa. The freight cars of TVSZ can be used in interstate communications.

About the products

The enterprise produces more than 20 models and modifications of open wagons, hoppers and platforms of new generation, including articulated types of cars which do not have any analogues at the domestic market.

The key competitive advantage of the freight cars produced by TVSZ is increased up to 1 million km (8 years) terms of between-repairs runs, providing for the reduction of cost of the freight car lifetime by almost 3 times.

The freight cars are characterized by increased carrying capacity, reduced dead weight of cars, increased speed of freight cars, high strength and prolonged lifecycle. The outstanding feature of the freight cars is innovative bogie with increased axle load, its design helps to improve the traffic capacity of Russian railways significantly.



In September 2017, within a contract with an American corporation Wabtec, TVSZ started shipment of large car casting for completion of American freight cars. The planned volume of delivery – up to 5,000 car sets of large casting.

2008

Construction of Tikhvin Freight Car Building Plant was launched

2012

Official launch of production with participation of Vladimir Putin

2014

The 10,000th car was produced at the Plant

2016

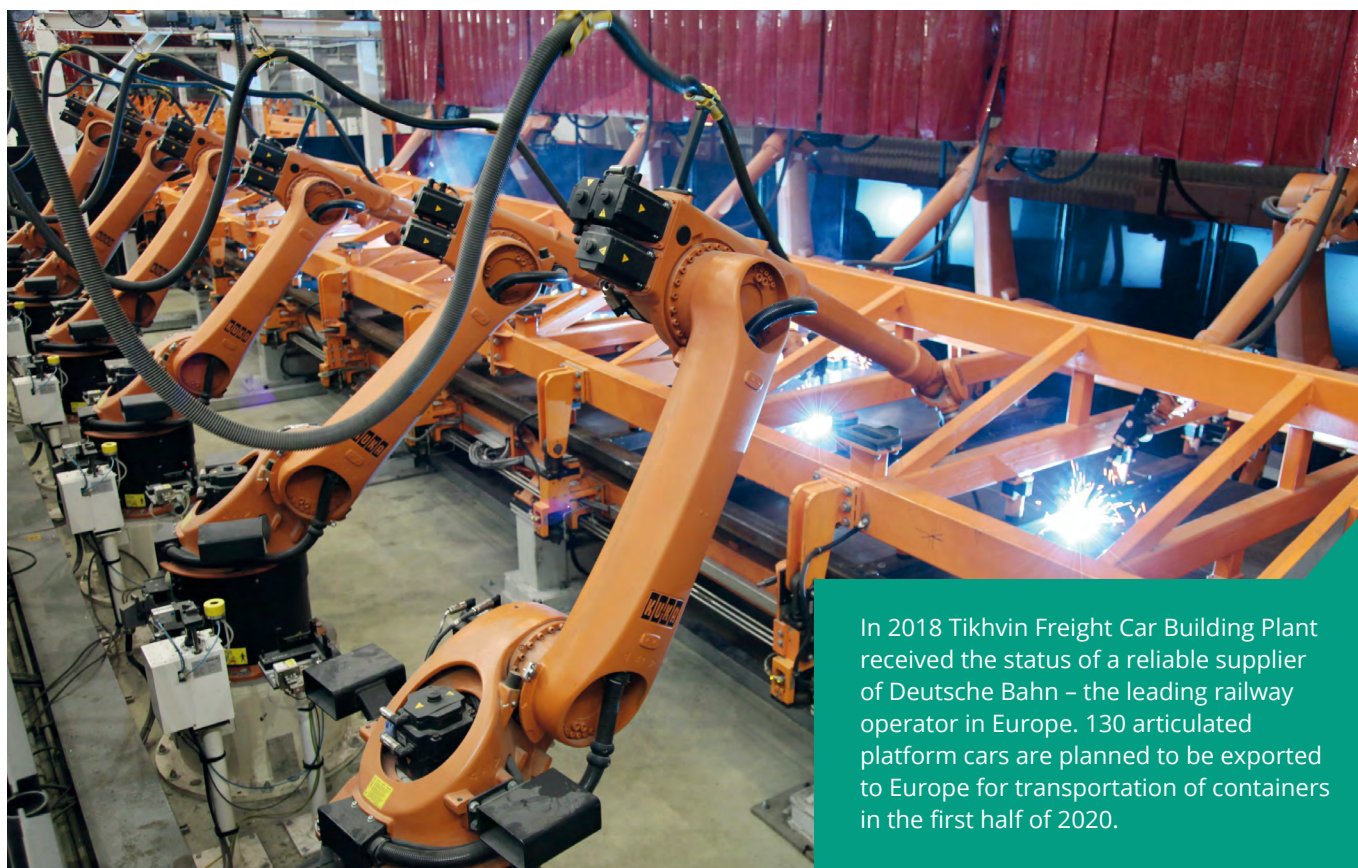
Freight cars of TVSZ are exported to the Middle East countries

2017

A workshop for processing of ductile iron (no analogues in Russia) was launched. Freight cars produced by the Plant were exported to the Republic of Guinea

2018

Audit of Deutsche Bahn, a six-axle wagon was presented at an exhibition in Germany



In 2018 Tikhvin Freight Car Building Plant received the status of a reliable supplier of Deutsche Bahn – the leading railway operator in Europe. 130 articulated platform cars are planned to be exported to Europe for transportation of containers in the first half of 2020.

Production

Tikhvin Freight Car Building Plant is a full-cycle production enterprise. More than 20 automatic and automated production lines, more than 100 industrial robots, 3 automated warehouses are used at the plant.

Foundry production is equipped with a modern molding line, melting furnaces, centres for machining of casting produced by leading foreign suppliers. Environmentally

friendly technological processes and materials provide high-quality castings.

The car shop is equipped with automated lines for assembling and welding car bodies and production of wheel sets.

Many samples of equipment installed at TVSZ exist only in several copies in the world and are operated in the most modern enterprises in Europe and North America.

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TikhvinChemMash

Tikhvin, Tikhvinsky district




TIKHVINCHEMMASH



Production of tank cars

 **Year of establishment:** 2015

 **Volume of production:**
999 tank cars (2018)

 **Number of employees:**
over 800 people

About the products

TikhvinChemMash produces 13 models and modifications of tank cars with increased carrying capacity and the volume designated for transportation of all types of chemical products (sulphuric acid, methanol, ammonia, caustic, molasses and vegetable oils, liquefied petroleum gases, etc.).

In 2019 TikhvinChemMash launched production of six-axle tank cars of articulated types for transportation of liquefied petroleum gas which do not have any analogues in the CIS. Besides, in 2019 TikhvinChemMash set up production of tank cars with stainless steel boilers for transportation of molasses and vegetable oils. This is the first model at the Russian market on bogie with increased axle load.

About the company

TikhvinChemMash is a modern enterprise of transport machine industry producing new generation tank-cars which do not have any analogues at the Russian market. The enterprise is a part of United Wagon Company, Research and Production Corporation – the leading Russian railway holding in the sphere of production, transport services and operating leasing, engineering and maintenance of new generation freight cars.

The total production capacity of the car-building plants of United Wagon Company is about 22,000 cars and 30,000 car sets per year.

The tank cars are used for transportation of cargo by cargo-generating and transport companies Uralchem, SPA Azot, Metafrax, Khimprom, Ilim Group, Irkutsk Oil Company, Slavneft, Ural Mining Metallurgical Company, KuibyshevAzot, etc.



>2,500
tank cars

manufactured since
foundation of the factory

Production is certified with
ISO/TS 22163:2017.

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TikhvinSpetsMash

Tikhvin, Tikhvinsky district



Production of specialized freight cars



Volume of production:
2,100 freight cars (2018)



Number of employees:
over 1,000 people

About the products

The enterprise has managed to achieve high production development indices and stable production level: in 2016 the volume of production amounted to 125 specialized freight cars, in 2017 it increased to 1,300 freight cars, in 2018 – to 2,100 freight cars.

In 2018 the enterprise successfully launched production of a new unique freight car for transportation of chipped wood, its length exceeds 23.8 meters, cubic capacity – 211 m³.

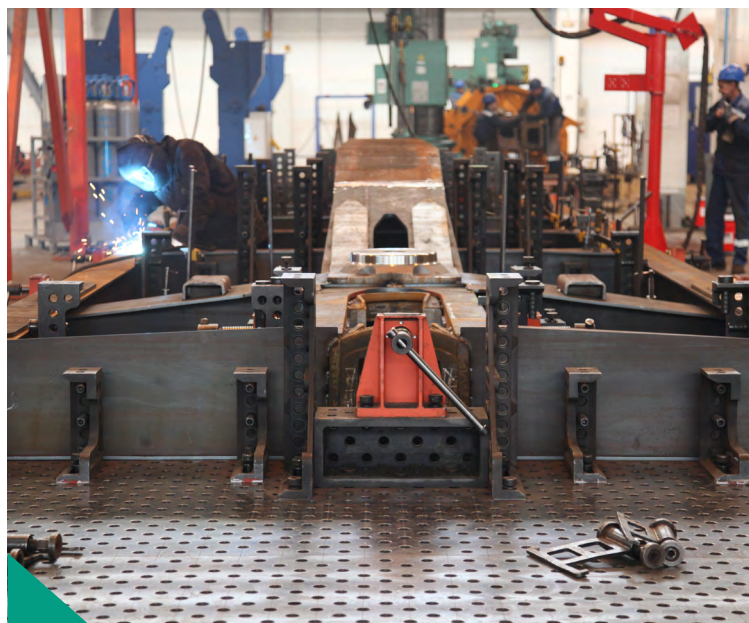
Freight cars produced by TikhvinSpetsMash have improved indicators of reliability, safety and life cycle cost in comparison with the existing analogues at the market.

About the company

TikhvinSpetsMash is a freight car building enterprise of a railway holding United Wagon Company for production of specialized rolling stock with increased carrying capacity.

The total production capacity of the car-building plants of United Wagon Company is about 22,000 cars and 30,000 car sets per year. The enterprise produces 10 models of freight cars.

TikhvinSpetsMash manufactures various types of small scale rolling stock, including platform cars for timber and metal cargo transportation, isothermal freight cars and dumping cars. The cars are equipped with chassis with axle loading of 25 tonnes per axis.



Customers of TikhvinSpetsMash include Russian and foreign companies such as Locotrans, Kuchukterminal, Fintrans GL, TransLes, Mondy (Russia), Laude Smart Intermodal S.A. (Poland), SEAFOOD-SERVICE (Belarus), Kastamonu, etc.

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Caterpillar Tosno

Tosno, Tosnensky district



Production of machines and equipment for mining and construction, production of components

Total volume of investments:
over 100 million USD

Number of employees:
about 500 people

About the company

Caterpillar factory in Tosno is the first production facility in Russia fully owned by Caterpillar Inc., the USA.

The total area of the enterprise is 24 ha, it has favourable location at the intersection of a railway and a road in close proximity to a seaport and Pulkovo International Airport.

The main area of activity of Caterpillar Tosno is production of machines and equipment for mining and construction. The prevailing direction of work is production of road construction and excavating machinery.

About the products

Production of Caterpillar Tosno is constantly expanding. Thus, in 2008 the factory started manufacturing hydraulic excavators Cat® 320 and in 2010 – also Cat® 336.

In 2011 a new assembly facility for production of mine dump trucks Cat® 773 was constructed, in 2013 the product line expanded with the mine dump truck Cat® 777 and in 2017 –with the models Cat ®773E and 777E Optimus. Besides, the enterprise produces about 100 types of components for crawler and wheel excavators.



1994

A joint enterprise of Caterpillar Inc. and Nevamash – a factory for production of components for machinery – was established

2000

A mechanical engineering plant Caterpillar Tosno was established in Tosno

2005

Class A certification (for the first time in Russia)

2008

Production of the first in Russia hydraulic excavator Cat® 320D

2011-2014

Launch of production of mine dump trucks Cat® 773 and Cat® 777D. Launch of assembling of crawler excavators Cat® 336D

The main customers: of components – Caterpillar enterprises in France and Poland; of finished products – Cat dealers in Russia and the CIS.

Caterpillar Tosno is the first enterprise in Russia which received Class A certification.

Certification took place on 12 October 2005.



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