Rating of the Russian regions of competition intensity and the competitive environment conditions
(The Federal Antimonopoly Service of Russia) - 2015

National Award in the infrastructure “ROSINFRA”
(PPP Development Center) – 2015, 2017

Competition of Innovative Territorial Clusters

Russian Regional Rating of PPP Development
(PPP Development Center, the Ministry of Economic Development of Russia) – 2015, 2016, 2017

Russian Regional Innovative Development Rating
(Association of innovative regions of Russia) - 2016

Russian Regional Innovation Index
(High school of economics) - 2015

Rating of investment attractiveness of regions
(Expert Rating Agency) - 2016

The National Investment Climate Rating
(Agency for Strategic Initiatives) - 2017
THE DEVELOPED MARKET AND DYNAMICALLY GROWING DEMAND

5 city districts
30 municipal districts
455 settlements

2 770 896 POPULATION

79% URBAN
29 868 RUBLES AVERAGE SALARY

13 million people live in radius of 700 km.
DIVERSIFIED ECONOMY

- more than 128 000 organizations
- 1056 billion rubles GRP
- 1073 billion rubles wholesale trade turnover
- 100.8% index of industrial production
- 450.0 billion rubles retail commodity turnover
- 475 billion rubles industrial output
- 144 billion rubles investment into fixed capital
- 3.4 billion dollars total external goods turnover
- 2.2 million sq. m. commissioning of houses

**GRP structure**

- finance: 0.4%
- hotel business, restaurants: 0.9%
- other public, social and individual activities: 1.4%
- education: 4.7%
- healthcare and medicine: 5.0%
- agriculture and cattle breeding: 5.2%
- building: 5.3%
- public administration and social insurance: 6.3%
- wholesale and retail trade: 16.9%
- transport and communication: 17.2%
- industrial production: 18.0%
- science, real estate, rent and service: 19.0%
THE LARGEST TRANSPORT AND LOGISTIC HUB

INTERNATIONAL AIRPORT NOVOSIBIRSK (TOLMACHEVO)

- 1,800 passengers per hour on domestic flights
- 750 passengers per hour on international flights
- 2 runways

RAILWAYS AND ROAD NETWORK

- 1,530 km of railroads of the Novosibirsk branch of the West-Siberian Railroad
- 2,958,4 km of roads in the Novosibirsk region
- 795,8 km federal roads
- 12,770,1 km regional roads
- 14,392,5 km local roads

The largest railway, automobile, aviation and river routes are crossed in Novosibirsk. Novosibirsk connects Siberia, the Far East, Central Asia, China and Mongolia with the European regions of the Russian Federation.
The developed international relations

The largest exhibition complex beyond the Urals.

IEC «Novosibirsk Expocentre» is designed and constructed with the most modern technologies of construction of energy efficient buildings existing in world practice with the use of the «green building» concept. Conforms to the highest international standards of the organization and carrying out the events of various levels.

150 events annually
500 000 participants

The International forum of technological development “Technoprom” is an international business platform devoted to the issues of forming the sixth technological mode based on the active development of science, technologies, engineering, international and inter-regional integration.

17 Embassies
Visa centers of the Great Britain and Italy

20 cooperation agreements of the Novosibirsk region with public authorities of the foreign states

More than 50 foreign delegations visit the Novosibirsk region annually
130 countries of the near and far abroad are the foreign trade partners of the Novosibirsk region.

MAIN TRADE PARTNERS:

**EXPORT**
- MACHINES, EQUIPMENT, VEHICLE
- COAL
- PRODUCTS OF CHEMICAL INDUSTRY (POLYMERS)
- FOOD AND AGRICULTURAL PRODUCTS (BIOLOGICALLY ACTIVE ADDITIVES, FISH, CHOCOLATE)
- WOOD, PULP AND PAPER PRODUCTS
- METALS AND METAL-MADE PRODUCTS

**IMPORT**
- MACHINES, EQUIPMENT, VEHICLE
- TEXTILE, TEXTILE PRODUCTS AND SHOES
- METALS AND METAL-MADE PRODUCTS
- PRODUCTS OF CHEMICAL INDUSTRY (PLASTICS, MEDICINES AND PROTEINS)
- FOOD AND AGRICULTURAL PRODUCTS (FRUITS, VEGETABLES, CACAO, FLOWERS)
- WOOD, PULP AND PAPER PRODUCTS
The export of agroindustrial products is actively growing. The Novosibirsk region is one of the ten largest agricultural producers in the Russian Federation.

1500 regional enterprises are the producers of food products

94 investment projects (total cost is 63 billion rubles) are planned to realize in the nearest future
The concentration of scientific personnel in Novosibirsk is 1.5 times higher than the average level in Russia.
NSU is one of the leaders of the Russian education

The Leader of the program of improving international competitiveness

The University of National Technology Initiative

2nd PLACE
QS UNIVERSITY RANKINGS
EMERGING EUROPE AND CENTRAL ASIA

291th PLACE
QS UNIVERSITY RANKINGS

TOP-100
IN PHYSICAL SCIENCE FIELD
QS UNIVERSITY RANKINGS

TOP-500
ACADEMIC RANKING OF WORLD UNIVERSITIES
GEOLOGICAL AND GEOPHYSICAL STUDIES IN THE ARCTIC

NEW PHYSICS

NONLINEAR PHOTONICS

QUANTUM TECHNOLOGIES

LOW-DIMENSIONAL HYBRID MATERIALS

IT-TECHNOLOGIES

SYNTHETIC BIOLOGY

TRANSLATIONAL NEUROSCIENCE

WWW.NSU.RU
Conception of the cluster policy of the Novosibirsk region
proved by the decree of the Government of the Novosibirsk Region dated 16.04.2012 № 187-п

Conception of the park policy of the Novosibirsk region
proved by the decree of the Government of the Novosibirsk Region dated 07.06.2016 № 160-п
The innovative cluster of information and biopharmaceutical technologies of the Novosibirsk region is one of the winners of the competition of pilot innovative territorial clusters of the Ministry of Economic Development of the Russian Federation. Applications of the Novosibirsk region has always been in the top three. For three years of the development the cluster has managed to attract 0.5 billion rubles of federal funds.

IT-branch:

The IT branch of the Novosibirsk region takes the 3rd place in the Russian Federation in terms of dynamics. 100% of the authorities and local governments are connected to the electronic document management system.

The developing clusters:
- INDUSTRIAL MEDICAL AND TECHNOLOGY CLUSTER
- MEDICAL AND TECHNOLOGY CLUSTER
- METALLURGY AND MACHINE BUILDING CLUSTER OF ADDITIVE DIGITAL TECHNOLOGIES AND INDUSTRIES

Potential clusters:
- CONSTRUCTION AND INDUSTRIAL CLUSTER
- INSTRUMENT CLUSTER
- TOURIST CLUSTER
- MICRO-, NANO- AND BIOELECTRONIC CLUSTER
Science and technology cluster “Siberian sciencepolis”

250 organizations

Technoparks and industrial parks are the cluster development centres
DEVELOPED INTERNATIONAL CONTACTS OF THE CLUSTER

- Pfizer, USA
- Intel, USA
- Bayer Health Care, Germany
- Schlumberger, France
- Baker Hughes, USA
- Astra Zeneca, Sweden
- Merck Sharp & Co., USA
- Actelion Pharmaceuticals, Switzerland
- Grifols Therapeutics, Inc., Spain
- Medtronic Bakkeb Research Center B.V., the Netherlands
- Terumo, Japan
- Biotronik SE & Co., Germany
- Biosense Webster, Inc., USA
- GlaxoSmithKline R&D, the Great Britain
- Bristol-Myers Squibb S.r.L., USA
- Abbott Laboratories, USA
- Boehringer Ingelheim, Germany
- Hamilton Health Science, Canada
- Les Laboratoires Servier, France
- Carbomedics, USA
- Sanofi, France
- Sorin Group, Italy

The cluster works and do researches with the leading companies of the world.

In 2014 the cluster’s representative office was founded in the European Union on bases of the German-Russian Inter-regional Consortium.
DEVELOPED INTERNATIONAL CONTACTS OF THE CLUSTER

The cluster works and do researches with the leading universities of the world

- Heilongjiang University, China
- Lanzhou University, China
- Columbia University, New York, USA
- Washington University in St. Louis, USA
- Freie Universität Berlin, Germany
- Semey State Medical University, Kazakhstan
- University of Brescia Medical School, Italy
- Krankenhaus der Elisabethinen Linz, Linz, Austria
- Athens Euroclinic, Greece
- Institute of Clinical and Experimental Medicine, Czech Republic
- Leipzig University Clinic, Germany
- SCO University
- Karolinska University Hospital, Sweden
- St. Antonius Ziekenhuis, Nieuwegein, Netherlands
- Medical University of Silesia in Katowice, Poland
- University of Oklahoma Health Sciences Center, USA
- Duke University Medical Center, USA
- The Mount Sinai Hospital, USA
- Valley Health System, USA
- DAAD, Germany
- Alliance Francaise
- Campus France
Reindustrialization program participant

Declared as the most successful Technopark in Russia in 2015.

Complex technological park with a unique scientific and technological infrastructure allowing to create the best conditions for generation and development of innovation companies.

- **104 443** sq.m.
- **342** residents
- **874** projects
- **8 867** working places
- **22,6** billion RUB of revenue 2016
- **1,3** billion RUB taxes 2016

**Instrument-making industry**  **Information technology**  **Biotechnology and biomedicine**  **Nanotechnologies and new materials**
International level competence. Modern investment platform with required engineering and innovation infrastructure for companies development in pharmaceutics, medical and biotechnology spheres.

21 hectares
6 residents
1.5 billion rubles of residents’ investments
Integrated technology park, a key issue of development in the field of medicine and health care projects - the lack of infrastructure of the closed cycle, focused on the output of innovative products in practical healthcare.

1,6 billion rubles is the project cost
239 residents
700 working places

**Implants**
Production of implants, structures, tools and equipments required for implantation

**Hardware-software complexes**
Manufacture of devices for rehabilitation, creation of telecommunication components for remote components

**Additive technologies**
Production of additive technologies, production of medical products using of 3D-technologies

**Exoconstructions**
Production of exoconstructions, including components and systems for exoskeletons
The first in Russia concession in the field of medicine with federal participation. June 2016 the opening of the first stage of Industrial Medical part based on Medical Technopark. The foundation purpose is the transition from the small series production to mass production of innovative products and technologies in the field of medicine.

**Reindustrialization program participant**

<table>
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One of the largest industrial park in Russia. Modern investment platform with total complex of engineering, logistics and business infrastructure, which territory contains all required conditions for development of logistic and industrial companies.

1172 hectares
3,5 billion rubles of budget investments
13 residents and 3 infrastructure users
28,5 billion rubles of residents’ investments
1 413 working places

Gloria Jeans
Eastern Snack Company
Concrete and metal products plant
ZTI-Siberia
Sladomir Logistic Group
Arneg
Investment strategy of the Novosibirsk region till 2030

Government programs of the Novosibirsk region

- The reindustrialization program of the economy of the Novosibirsk region
- Stimulation of investment and innovate activity
- Development of small and midsized business
- Development of the industry and increase its competitiveness
- Development of agriculture and regulation of the markets of agricultural production, raw materials and food
The reindustrialization program of the economy of the Novosibirk region is the priority direction.
INFRASTRUCTURE DEVELOPMENT

There is the preparation for realization of the major PPP projects – 50 bln rub.

Building the 4th bridge through the Ob river in Novosibirsk

Building polyclinics

Building garbage sorting complexes and special landfills
REGIONAL INSTITUTES OF DEVELOPMENT GIVE REAL SUPPORT FOR BUSINESS

Agencies
- INVESTMENT PROMOTION AGENCY
- AGENCY OF FORMATION OF THE INNOVATIVE PROJECTS

Centres
- CENTRE OF THE CLUSTER DEVELOPMENT
- CENTRE OF COORDINATION OF SUPPORT OF EXPORT-ORIENTED SUBJECTS OF SMALL AND MIDSIZED BUSINESS

Funds
- MICROFINANCING FUND
- FUND OF DEVELOPMENT OF SMALL AND MIDSIZED BUSINESS
- FUND OF ASSISTANCE OF DEVELOPMENT OF VENTURE INVESTMENTS
THE LARGEST INVESTORS
OF THE NOVOSIBIRSK REGION

MARS
IKEA
Mondelez International
РОСНАНО
arnec
VEKA
ТОМСКГАЗПРОМ
Henkel
MARriott
HEINEKEN
PIA
Radisson
ГРУППА КОМПАНИЙ КАТРЕН
Сибирский Антрацит
ВПК-OЙЛ
KУДРЯШОВСКИЙ МЯСКОМЕРИЧЕСКИЙ
SFM
bergauf
Hilton
GLORIA JEANS
SIBERIA IS HERE!

THANK YOU FOR YOUR ATTENTION!