REPUBLIC OF TATARSTAN

KAMA INNOVATION REGIONAL INDUSTRIAL CLUSTER OF THE REPUBLIC OF TATARSTAN "INNOKAM"

VICE-PRESIDENT OF INNOKAM LEISAN ABZALILOVA
INNOKAM SERVES AS A BASIS FOR THE ECONOMIC DEVELOPMENT OF THE REPUBLIC OF TATARSTAN
IT IS CONSIDERED TO BE THE LARGEST REGIONAL INNOVATION CLUSTER

INNOKAM
Kazan
Naberezhnye Chelny
Nizhnekamsk region
Elabuga region
Mendeleevsk region
Zainsk region
Tukaevsk region

Naberezhnye Chelny
The total area is 171,0 sq.km. The total population is over 523000 people. Today Naberezhnye Chelny is a multifunctional center: industrial, Cultural and scientific with highly developed economic structure. It is the main transport link of the north-eastern part of Tatarstan. Naberezhnye Chelny is an industrial centre of the left bank of the Kama region junction. Naberezhnye Chelny is a city of culture and sport; the pride of the city is “KAMAZ-Master” team. The city is the administrative center of Tukayevsk municipal region, Despite the fact that it is not a part of it. Regional Emergency Medical Center, situated in Naberezhnye Chelny, is one of the best in Russia.

The total area is 746,4 sq.km. The total population is over 30000 people. The administrative center is Mendeleevsk. Mendeleevsk is an important centre of the chemical industry. It also has well-developed agricultural industry. Karpov Chemical Plant (was founded in 1868), located in this town, is one of the oldest plants in Russia.

The total area is 1672,5 sq.km. The total population is over 273000 people. The administrative center is Nizhnekamsk, it is the third largest city in the Republic of Tatarstan. The city has well-developed industry. The major petrochemical complex of Russia is located in Nizhnekamsk. The city is the largest producer of polyisoprene and one of the four world's largest producers of butyl/halobutyl and polybutadiene. The local Hockey Club “Neftekhimik” was founded in 1968 and is now a part of the Continental Hockey League – the elite league of the best hockey clubs of post-Soviet space.

The total area is 1041,7 sq.km. The total population is over 84000 people. The administrative center is Elabuga. Special Economic Zone of Industrial and Production type “Alabuga” (SEZ “Alabuga”) is situated in Elabuga municipal region. SEZ “Alabuga” is the largest special economic zone of industrial and production type in Russia and one of the most prepared investment areas suitable for implementation of the largest industrial projects in Russia. The practical target of SEZ “Alabuga” is an organization of import-substituting production of Russian raw materials. The rich history of Elabuga is reflected in historical monuments of culture, and symbols of the town.

The total area is 1861,6 sq.km. The total population is over 57000 people. The administrative center is Zainsk. The main industry of the town is production of electrical energy. Agriculture: spring wheat, fall rye, sugar beet, pearl, buckwheat and pea are cultivated in the district. Agricultural cattle breeding targeted at meat and dairy cattle breeding is one of the major industries of this district. Hydroelectric Power Plant is also situated in Zainsk.

The total area is 1744 sq.km. The total population is over 38000 people. The administrative center is Naberezhnye Chelny. Tukayevsk municipal district is situated within the boundaries of coal basin Kambass. There are peat deposits near the population centers Ilbukhtino, Tlyanche-Tamak and Kuzkeevo. In some places peats are rich with limestone solutions. The agroindustrial complex of district has a multi-industry agricultural production with well-developed poultry and pig breeding.
THE MAIN PARTICIPANTS OF INNOKAM

NIZHNEKAMSK NEFTEKHIM
Production of olefins, plastics, synthetic rubber.

TAIF-NK
Production of diesel fuel, motor gasoline EURO-5 standard, kerosene.

KAMAZ
Production of heavy trucks, combustion engines, metallurgical production.

TANECO
Production of straight-run naphtha, diesel fuel Euro-5 standard, vacuum gasoil, fuel oil.

TATNEFT
Petrochemical Complex
Production of technical carbon, tires for heavy, regular and agricultural vehicles.

FORD SOLLERS HOLDING
Production of Ford model cars (6 models, including Ford Explorer and Ford Kuga) and spare parts.

AMMONI
Production of fertilizers and nitrogen compounds, ammonia nitrate, ammonium, carbamide, methanol and industrial gases.

TAIF-NK
Production of diesel fuel, motor gasoline EURO-5 standard, kerosene.

POLYSTYRENE
54%

SYNTHETIC RUBBER
42%

EVERY THIRD RUSSIAN HEAVY VEHICLE
2

EVERY SECOND TIRE
CLUSTER PARTICIPANTS

CLUSTER COMPANIES
- Tatprof
- Rostar
- Riat
- Nachalo Production Company
- New Casting Technologies
- Mefro wheels RUSSIA Plant Zainsk
- Korib Group
- Kama Plant “Avto-Agregat-Center”
- Magnolia
- Kama Crystal Technology
- Karpov Chemical Plant
- Tatneftepresscomposite
- Kamatek
- Hiton-plast 2

RESEARCH AND EDUCATION COMPLEX
- Academy of Sciences of the Republic of Tatarstan
- Kazan State Energetics University
- Kazan National Research Technological University
- Kazan National Research Technical University named after A. N. Tupolev
- Regional Institute of Advanced Technology and Business
- Resource Center – ALABUGA
- Kazan (Volga region) Federal University
- Tatarstan Center of Scientific and Technical Information
- Eidos-Medicine
- Eidos-Robotics
- Intellos
- Robotics prototyping centre

INDUSTRIAL AND INNOVATIVE HUBS
- Alabuga Special Economic Zone, Industrial and Production Type
- Industrial Park “Chelny”
- High-Tech IT Technopark in Naberezhnye Chelny
- Tatarstan Centre of Energy Saving Technology
- Association of Innovative Regions of Russia (AIRR)
- Master Kama Industrial Park
- Industrial Park Kamskie
- Polyany: Managing Company
- Kamengoremont
- Technology Transfer Centre
- Kama centre of cluster development
- Transservice Co., LTD
- Prikamie Technopark Research Production Non-Profit Organization
- National Regional Metrology Centres of Standardization, Metrology and Testing in the Republic of Tatarstan

STATE COORDINATORS
- Ministries of the Republic of Tatarstan
- The special authority of the cluster – “Non-profit organization Kama Innovation Regional Industrial Cluster”
- The Administration of municipal regions (Nizhnekamsky, Elabuga, Mendeleevsky, Zainsky, Tukaevsky municipal regions) and Naberezhnye Chelny Urban district
- Tatneftekhiminvest Holding
- Ministry of Economy of the Republic of Tatarstan
- Svyazinvestneftekhim
NEW PRODUCTION IN 2014

**PETROLEUM PRODUCTS**

- **NIZHNEKAMSKNEFTEKHIM**
  The 4-th line of producing polystyrol, new sort of polypropylene, the 1-st technological string

- **TAIF-NK**
  Installation of hydroconversion tar, based on the complex of deep conversion of heavy residues

- **TANECO**
  Construction of the combined hydrocracking unit, industrial output of ecologically clean diesel fuel Euro-5 standard

**AUTOMOBILE INDUSTRY**

- **KAMAZ**
  Production launch of a new type of KAMAZ vehicles, which fit with global environmental and industrial safety standards

- **SEZ ALABUGA**
  New Holding – Coşkunöz Alabuga, that will produce large metal sheet stamping parts for the automotive sector, new company RMA RUS and Interskol-Alabuga

- **ZF KAMA**
  New factory building for the production of gearboxes

- **KAMA INDUSTRIAL PARK MASTER**
  Factory, producing automotive locks

- **AI-PLAST**
  New kind of containers for solid waste
MAJOR INVESTMENT PROJECTS

START-UP SCHEDULE

2020/2025
440 bln. rub.
Pyrolysis complex
Ethylene production of 1.2 mln tons, 900 thousand tons of polyethylene and 360 thousand tons of polypropylene per year

2017
172,7 bln. rub.
Advanced oil processing center with a projected yield for the production of jet fuel (570 tons) and diesel fuel of Euro-5 standard (1.3 mln tons)

2020
100 bln. rub.
Innovative advanced heavy oil residues processing center of oil processing plant bringing the depth of raw materials processing to 97.9%

2020
44,9 bln. rub.
Lineup expansion, increasing capacity to 30-35 thousand new model cars per year

2020
29,7 bln. rub.
Production of Ford model cars
200 thousand vehicles and 180 thousand engines per year
COOPERATION LINKS OF INNOKAM

The total number of companies is more than 100, including:
Polymer, Alabuga-Plastic, KamPoliBeg Technology, Heatonplast, TERMOCOM, Asteys, AUTO LTD, PKF KamDetalProekt, Ornika, ROSTAR.

ENTERPRISES PRODUCING AUTOMOTIVE COMPONENTS

KALED (VOLGA REGION) FEDERAL UNIVERSITY
KAZAN NATIONAL RESEARCH TECHNOLOGICAL UNIVERSITY
KAZAN NATIONAL RESEARCH TECHNICAL UNIVERSITY
NAMED AFTER A. N. TUPOLEV
KAZAN STATE ENERGETICS UNIVERSITY

KAMAZ
FORD SOLLERS HOLDING
PO YELAZ

KARPOV CHEMICAL PLANT
POLYMER, ALABUGA-PLASTIC, KAMPOLBEG TECHNOLOGY, HEATONPLAST, TERMOCOM, ASTEYS, AUTO LTD, PKF KAMDETALPROEKT, ORNICA, ROSTAR.
The investigation of the raw materials base of the Yamalo-Nenets Autonomous district in order to realize the project of construction of the main pipeline “Yamal-Povolzhie”

NIZHNEKAMSKNEFTEKHIM
TAIF-NK
TATNEFTEKHIMINVEST HOLDING
YAMAL-POVOLZHYE

The purpose is to confirm in quantity of hydrocarbons in Western Siberia, necessary for construction the pipeline in order to supply companies of the Cluster and the Volga region.

The development of the scientific aspects of synthetic gutta-percha production for its next application to production in the form of import substitution.

Development of production technology of synthetic gutta-percha
NIZHNEKAMSKNEFTEKHIM
KAZAN NATIONAL RESEARCH TECHNOLOGICAL UNIVERSITY

The goal is the elaboration of the scientific aspects of synthetic gutta-percha production for its next application to production in the form of import substitution.

The development of new commodity types of polymer products and technologies to improve production efficiency of monomers
NIZHNEKAMSKNEFTEKHIM
KAZAN NATIONAL RESEARCH TECHNOLOGICAL UNIVERSITY

The goal is to supply tire factories with the production of functionalized SBR (import-substituting).

Creation of the Engineering center of flexible manufacturing systems (FMS), enginery and prototyping.
KAMAZ
KAZAN (VOLGA REGION) FEDERAL UNIVERSITY

The goal is experimental development of modern system of interurban transportation in order to increase transit capacity of the Cluster.

Development of modern system of interurban transportation with removable swap bodies “KAMATEINER” without usage of lifting-transport, equipment.
KAMAZ
INTELLOS
KAZAN TECHNICAL UNIVERSITY

The goal is to create the unique robotic complex of the third generation for automobile industry.

Creating robotic complex of the third generation
KAMAZ
EIDOS
KAZAN TECHNICAL UNIVERSITY

The purpose is the development of infrastructure; supporting small and medium-sized enterprises; creation conditions for its development.

Creation of SEZ “Alabuga” infrastructure
THE FEDERAL AND REPUBLIC AUTHORITIES

The purpose is to supply necessary infrastructure to the Residents.

Objective analysis of the current state, the identification of “narrow zones” in the areas of road, rail, pipeline and water ways, determination of the priority of investment projects.

Creation of logistic transport pattern in Kama Innovation Regional Industrial Cluster.
CLUSTER PARTICIPANTS
SCM (SUPPLY CHAIN MANAGEMENT)

The goal is to create and apply in industry electrobuses of all classes corresponding with global environmental and industrial safety standards, taking into consideration their visible profitability and environmental friendliness.

A kind of vehicle for passenger transport, using electric power.
KAMAZ ROSTAR KORA

The goal is to create and apply in industry electrobuses of all classes corresponding with global environmental and industrial safety standards, taking into consideration their visible profitability and environmental friendliness.

Establishment of regional cluster of chassis products
KAMAZ
INTELLOS
KAZAN TECHNICAL UNIVERSITY

The goal is to supply tire factories with the production of functionalized SBR (import-substituting).

Development of modern system of interurban transportation with removable swap bodies “KAMATEINER” without usage of lifting-transport, equipment.
KAMAZ
INTELLOS
KAZAN TECHNICAL UNIVERSITY

The purpose is to create a centre, carrying out fundamental and applied investigations.

The development of Industrial Park Kamskie Polyany.
MINISTRY OF ECONOMY OF THE REPUBLIC OF TATARSTAN
NIZHNEKAMSKNEFTEKHIM

The purpose is the development of infrastructure; supporting small and medium-sized enterprises; creation conditions for its development.

The development of SEZ “Alabuga” infrastructure
THE FEDERAL AND REPUBLIC AUTHORITIES

The purpose is to supply necessary infrastructure to the Residents.
MORE THAN 2 200 EMPLOYEES OF COMPANIES – CLUSTER PARTICIPANTS WERE TRAINED AND RETRAINED IN 2014.
MAIN PROJECTS OF THE YEAR

- The development of modern system of interurban transportation with removable swap bodies "Kamateiner", on the basis of motor vehicles, produced in the cluster.
- Development of import-substitution industries in the cluster.
- Creation of the engineering center of flexible manufacturing systems (FMS), engineering and prototyping.
- Organization of Russian and foreign business-missions, active participation in exhibitions and other projects of cluster participants.
- Preparation for the international scientific-practical conference "Partnership for Cluster Development" with the assistance of leading Russian and world experts.
- Training and retraining employees of companies – cluster participants in order to raise their professional skills.
- Compensation for expense as a result of additional professional educational programs and probation periods abroad.
- Carrying out market investigation in order to determine the priority branches of development of the cluster.
Getting a bronze certificate

II International Conference
"Partnership for development of clusters"
23-24 April 2015
Intercluster cooperation with international partners

Europe:
- Flanders
- Germany
- Belgium
- France
- Netherlands

Asia:
- Singapore
- China
- South Korea
- Kazakhstan
- Hong Kong
The signing of agreements with Russian and foreign clusters
Invite you to cooperate!

Association «Noncommercial partnership «Kama Innovative Territorial Production Cluster»