Trade, Economic, and Industrial Potential of the Republic of Tatarstan

Ravil Zaripov
Deputy Prime Minister, Minister of Industry and Trade of the Republic of Tatarstan
67,800 km$^2$
Total area

3.8 million
Population

2.6%
of Russia’s population

Over 115
Nations
Contribution of the Republic of Tatarstan to Russia’s Economy

The Republic of Tatarstan produces:

- 6.3% of Russia’s crude oil
- 44% of synthetic rubbers
- 50% of polyethylene
- 29% of automotive tyres
- 30% of trucks
- 78% of polystyrene
Clusters in the Republic of Tatarstan

- GAS AND PETROCHEMICALS
- ENERGY
- MECHANICAL ENGINEERING
- INFOCOMM
In volumes of oil extraction, the company ranks 6th among Russian oil companies and 30th worldwide.

847.3 mln MT
Oil reserves

~26.1 mln MT
Annual extraction

>400,000 MT
Total superviscous oil production since 2006

TANECO
Oil Refining and Petrochemical Complex

Launched in December, 2011
Products output: 7.5 million MT
Range of petrochemicals under production:
• Vacuum gasoil (26%)
• Furnace oil (25%)
• Low-viscosity marine fuel (16%)
• Heating gas oil (11%)
• Straight-run gasoline (7%)
• Stable natural gasoline (7%)

Nizhnekaranskshina
Tyre Complex

The Complex comprises:
• OAO Nizhnekaranskshina (10.2 million tyres)
• OOO Nizhnekaransk Truck Tyres Plant (1.7 million tyres)
• OOO Nizhnekaransk Solid Steel Cord Tyre Factory (0.7 million tyres)
• OAO Nizhnekaranskstekhuglerod (109,000 MT of carbon black)
TAIF Group
www.taif.ru

8 mln MT
Oil products output

~850,000 MT
Polyethylene

~640,000 MT
Synthetic rubbers

OA O TAIF-NK
• Automobile gasolines and diesel fuels comply with Euro 4 and Euro 5 standards respectively
• Underway is the construction of the Heavy Residue Deep Conversion Complex with the designed raw materials capacity of 3.7 million MT

OAO Nizhnekamskneftekhim
Production of ABS plastics with the capacity of 60,000 MT launched in 2013

OAO Kazanorgsintez
The only producer of polycarbonates (capacity: 65,000 MT) and sevilen (capacity: 25,000 MT) in Russia and the CIS countries
OAO KAMAZ
www.kamaz.net

Automotive components of world manufacturers used in KAMAZ trucks

- ZF transmission
- ZF STEYR transfer gear
- Wabco, Knorr AB5
- Wabco, Knorr brake gear
- RBL, ZF hydraulic actuator
- GWB fan
- Webasto preheater
- Bosch lamps, fuel injection pump assembly
- STE, Knorr torque vibration damper
- Borg Warner fan clutch
- MAHLE crankshaft bearings
- Federal Mogul piston ring
- Mann Hummel fuel oil filter
- Schwitzer turbocharger
- DEUTZ, Cummins engine

42,900 trucks
produced in 2013
Ford Sollers,
a Joint Venture Company

Production of 6 models launched in Tatarstan

34,350 vehicles
manufactured in 2013

Ford-branded vehicles manufactured in Tatarstan:
• Tourneo Custom
• Transit
• S-Max
• Explorer
• Galaxy
• Kuga
PO YelAZ Road-Building, Municipal, and Specialty Vehicles

Production of specialised vehicles:

- **OIL AND GAS**
- **ROAD-BUILDING AND MUNICIPAL**
- **ROADS REPAIRS AND MAINTENANCE**
Gorbunov Kazan Aircraft Plant, Branch of OAO Tupolev

TU – 214
Max. passenger seats: 210
Speed: 850 km/h
Flight range: 6,500 km
Flight altitude: up to 12,100 m
Crew: 3

TU – 160
Speed: 2,230 km/h (at 10 km altitude)
Flight range: 14,600 km
Flight altitude: 12,000 m
Crew: 4

TU – 22M3
Speed: 2,300 km/h
Flight range: 7,000 km
Flight altitude: up to 13,300 m
Crew: 4
OAO Kazan Helicopters

**ANSAT**
Max. passenger seats: 9  
Speed: up to 285 km/h  
Flight range: up to 635 km  
Flight altitude: up to 5,700 m

**MI – 17**
Max. passenger seats: 36  
Speed: up to 262 km/h  
Flight range: up to 648 km  
Flight altitude: up to 4,000 m

**MI – 38**
Max. passenger seats: 30  
Freighter version: freight (+external) up to 7 tonnes  
Speed: up to 285 km/h  
Flight range: up to 885 km  
Flight altitude: up to 5,100 m
OAO Simonov Experimental Design Bureau

**DAN-M FLYING TARGET SYSTEM**
Dan-M for combat training and testing weapon systems of fighters, anti-aircraft missile, artillery, and infantry complexes

**DAN-M AERIAL MONITORING SYSTEM**
Dan-M for maintaining the reliability of pipelines and condition monitoring of security zones
Products of Gorky Zelenodolsk Shipyard

**HIGH-SPEED PASSENGER SHIP**
**A-145 PROJECT**

- Length: 32.0 metres
- Width: 6.0 metres
- Floating draught: 0.76 metres
- Displacement: 68.5 tonnes
- Speed: about 70.0 km/hour
- Crew: 5
- Passengers: 100
- Cruising range: 650 kilometres
Energy Sector of the Republic of Tatarstan

Number of power stations: 7 TPPs, 2 SDPPs, and 1 HEP

<table>
<thead>
<tr>
<th>Capacity of power stations</th>
<th>6,836 MW</th>
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</thead>
<tbody>
<tr>
<td>Thermal capacity of power stations</td>
<td>14,655 Gcals/h</td>
</tr>
<tr>
<td>Available capacity</td>
<td>5,409.1 MW</td>
</tr>
<tr>
<td>Total capacity of transforming substations</td>
<td>16,356 MVA</td>
</tr>
</tbody>
</table>

Annually generate over 20 billion kWh of electricity and 30 million Gcals of heat in combined generation mode

- OAO Generating Company (4,995 MW)
- ZAO Urussinskaya SDPP (161 MW)
- OOO Nizhnekamskaya TPP (380 MW)
- OAO TGK-16 (1,300 MW)

Power grids form a constituent part of the Unified Energy Systems of the Volga Region and Russia

- OAO Grid Company
INVENT Group

A state-of-the-art production and engineering holding united under one integrated corporate mission and development strategy

MAIN LINES OF INVENT GROUP BUSINESS

- Heat-power engineering
- Electric engineering
- Cabling and wiring products
- Infrastructure construction
KER Holding

- Reconstruction and Maintenance of Power Grids and Pipelines
- Construction of Electric Grids and Substations, Main Product Pipelines and Gas Pipelines
- Design and Turnkey Construction of Integrated Projects
- Automation of Production Processes
- Equipment Manufacturing and Sales
KAI-Laser
Engineering Centre of Innovative Laser Technologies in Machine Building Sector

Introduction of Innovative Laser Technologies in Science-Driven Mechanical Engineering into SMEs
OAO Centre of Medical Science

an Engineering Centre of Medical Simulators created in the Republic of Tatarstan in 2013

THE ENGINEERING CENTRE COMPRISSES 3 LABORATORIES:
• Developments and Engineering
• Clinical Events and Methods
• Appraisal and Testing
Tatarstan GRP and Foreign Trade Turnover with the Republic of Slovenia in 2013

€ 2.4 million  
Foreign trade turnover

€ 0.6 million  
including exports

€ 1.7 million  
including imports
Thank you

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REPUBLIC OF TATARSTAN

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