RUSSIA IN THE INTERNATIONAL RANKING OF THE WORLD BANK’S “DOING BUSINESS”
The major directions of AIRR activities:

- Government Relations;
- Promotion of priority innovative projects of AIRR member-regions;
- Expert analytics and methodical work;
- Information support to the member-regions of the Association, fostering of expanded communications;
- T&E activity;
- Global operations.
AIRR REGIONS IN 2015

14 Innovative regions
15% Investment in fixed assets
15% Expenses for research and development
25% Expenses for technological innovation

25% Every fourth Russian innovation company
26.3% GRP of the country
30% Innovative products of the country
The results of formation and development of innovative territorial clusters in 2013-2015

**Output per employee of member-companies (ths. rub.)***

<table>
<thead>
<tr>
<th>Year</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>2630</td>
<td>2630</td>
<td>2899</td>
<td>3235</td>
</tr>
</tbody>
</table>

* in constant prices as of 2013

**The number of new / upgraded high-performance workplaces (ths. jobs each year)**

<table>
<thead>
<tr>
<th>Year</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>27,2</td>
<td>32,7</td>
<td>36,1</td>
<td>41,4</td>
</tr>
</tbody>
</table>

**The volume of manufactured products, performed works and rendered services (trillion rub. annually)***

<table>
<thead>
<tr>
<th>Year</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>1,54</td>
<td>1,71</td>
<td>1,97</td>
<td>2,17</td>
</tr>
</tbody>
</table>

* in constant prices as of 2013

**429 billion rub.**

growth in the volume of products, works and services for 3 years 
(in constant prices as of 2013)

**> 95 ths.**

of new / upgraded high-performance jobs

The Ministry of Economic Development of the Russian Federation
# Priority directions of cluster development

1. Technological leadership - development of competence centers for world-class R&D
2. Commercialization of technology on a world-wide basis
3. Export promotion, support to fast-growing high-tech SMEs and gazelles
4. Promoting the modernization and scaling of the activities of anchor companies
5. Formation of a system for attracting world-class investment
6. Adjusting the education system to the needs of cluster development
7. Cluster management system

The Ministry of Economic Development of the Russian Federation
Federal Priority Project “Development of Innovative Clusters – World-class Leaders in Investment Attractiveness”

Efficiency of production

- The increase in output per employee – at least 20%
- The number of high-performance workplaces – at least 100 thousand jobs

Competitiveness

- The growth in revenue from exports of non-primary products – at least 2 times

Investments in development

- The scope of works and projects in the field of R&D – at least 100 billion rubles
- Investments attracted due to extrabudgetary sources – not less than 300 billion rubles
- The growth in the number of patents for inventions among cluster members – at least 3 times
- The number of engineering start-ups that received investments – at least 300 units

The Ministry of Economic Development of the Russian Federation
STRUCTURE OF THE HIGH-TECH RESULTS
In the AIRR regions in 2014

The Republic of Mordovia
Lipetsk Region
Altai Krai
Ulyanovsk Region
Kaluga Region
Tomsk Region
Irkutsk Region
Tumen Region
Krasnoyarsk Region
Novosibirsk Region
Perm Krai
The Republic of Bashkortostan
The Republic of Tatarstan
Samara Region
The Republic of Bashkortostan

Products  Workplaces  Investment  Knowledge and technologies  Introduces knowledge  Taxes  Companies  Results
The Republic of Tatarstan produces:

- 44.2% of Russian polystyrol
- 45% of Russian synthetic rubber
- 21% of Russian auto tyres
- 31.4% of Russian heavy trucks
- 6.5% of Russian oil production

Macroeconomic state of the Republic of Tatarstan in 2016 among Russian regions: 3rd place in Agriculture, 5th place in Investments, 5th place in Construction, and 3rd place in Industrial production.
9 Technoparks
8 Business-Incubators
5 Investment and Venture Financial Institutes

- 5 Industrial Parks
- SEZ "ALABUGA"
- SEZ "INNOPOLIS"
The Irkutsk region is located in the south of Eastern Siberia, almost in the center of the Asian mainland, at the intersection of the major transport routes connecting Europe with the Far Eastern regions of Russia and the countries of the Asia-Pacific region.

- The lowest cost of electricity in the Siberian Federal District
- Rich potential of natural resources: the largest stock is concentrated in the region
- Developed scientific and innovative infrastructure

**0.05$**
Per kilowatt-hour for industrial consumers

- 31% of gold
- 11% of timber
- 8% of gas
- 7% of coal
- 3% of crude oil

**IRKUTSK REGION**

- Total area 774.8 thousand km²
- 4.6% of all-Russian territory
- Population 2.4 mln residents

**ABOUT THE REGION**

- 5 Institutes under the East Siberian Center of the Russian Academy of Medical Science
- 20 Application R&D Institutes
- 9 Institutes under the Irkutsk Scientific Centre of the Siberian Branch of the Russian Academy of Science
The Republic of Bashkortostan is in the heart of the Southern Urals

**GRP (billion rubles)**

2016

1 389,8

**Industrial production volume (billion rubles)**

2016

1 273,6

**Agriculture output (billion rubles)**

2016

165,7

9th place in Russia based on the GRP

**INDUSTRIAL PARKS**

Greenfield

Brownfield

11 parks

735 premises

113 land plots

THE REPUBLIC OF BASHKORTOSTAN

UFA
ABOUT THE REGION

SAMARA REGION

The region is a federal subject of the Russian Federation, a part of the Volga Federal District:
Population — 3 205 975 people
Area — 53 565 km²
GRP — 1 222 billion rubles

The key direction of development of the regional economy is the formation of high-tech clusters.

AUTOMOTIVE INDUSTRY

• With its core AvtoVAZ (Renault-Nissan Alliance) and GM-AvtoVAZ, its joint venture with an American company General Motors;
• The cluster produces more than 14% of the region’s GRP;
• Unique competencies and HR potential of the industry.

AEROSPACE INDUSTRY

• Key residents: Kuznetsov, OAO Rocket and Space Center Progress, JSC Aviakor Aviation Plant, JSC;
• Production of carrier rockets and rocket engines;
• Production of advanced spacecraft.

ANNUAL VOLUME OF CRUDE OIL PRODUCTION — 16,5 million tons
ANNUAL GROSS VALUE OF AGRICULTURAL PRODUCTION — 83,2 billion rubles
DESIGNED AND LOFTED 1860 LAUNCHERS AND 990 SPACECRAFT UNITS
PRODUCTION CAPACITY OF THE AUTOMOTIVE INDUSTRY - 1 million vehicles per year

PETROCHEMICAL COMPLEX

• Leader in crude oil production and refining in Russia;
• The companies of the cluster supply foreign consumers with ammonia, carbamide, methanol, perfume and cosmetics;
• The Samara region is attractive for foreign and Russian investors planning to place new production facilities here.
ABOUT THE REGION

ULYANOVSK REGION

CLUSTER OF BUILDING MATERIALS
- Quartz sand
- Construction sands
- Raw materials for cement

AIRCRAFT CLUSTER
- It is the aviation capital of Russia

The region is located in the southeast of the European part of Russia, in the center of the Volga Federal District; The territory of the Ulyanovsk region is 37,2 thousand sq. km; The Ulyanovsk Region is a major transportation hub; Based on its share of R&D in the GRP the Ulyanovsk region is included in the top five of Russia.

AUTOMOTIVE CLUSTER
- >1 000 000 VEHICLES PER YEAR
- 460 manufacturers of auto components

AGRO-INDUSTRIAL CLUSTER
- 2 083 000 Ha of AGRICULTURAL FARMLAND
- wheat
- corn
- soybean
- sunflower
- sugar beet
- veal
- lamb
- pork
- milk and eggs

MOSCOW
ULYANOVSK
1.2 ч.

EC
MOSCOW
ULYANOVSK

AIRCRAFT CLUSTER

AUTOMOTIVE CLUSTER

AGRO-INDUSTRIAL CLUSTER
ABOUT THE REGION

THREE-TIER INVESTMENT-DRIVEN DEVELOPMENT SYSTEM

SPECIAL ECONOMIC ZONE:
Industrial-Production type SEZ Lipetsk
Number of residents: 47 from 15 countries
(Japan, Italy, Belgium, Germany, USA, China, Switzerland, Netherlands, Ukraine, Republic of
Korea, Poland, Russia, France, Great Britain).
Declared volume of investments: $2.3 billion

SPECIAL ECONOMIC ZONES OF THE REGIONAL LEVEL:
10 special economic zones: 4 - industrial-production type, 2 - tourist-
recreational type, 1 - technical-innovative type, 3 - agro-industrial type
Number of residents: 51 — from Russia, Germany, Austria, Czech Republic, China
Declared volume of investments: $1.4 billion
Number of jobs: 8,8 thousand

PRIVATE INDUSTRIAL PARKS:
SOZIDATEL INDUSTRIAL PARK: 3 residents
Number of jobs: 92
ROZHDESTVO INDUSTRIAL PARK: 3 residents
Number of jobs: 177

The Lipetsk region is located 450 km from Moscow to the South at the intersection of the country’s most important transport highways.

28% of concrete mixers
23.5% of all cast iron produced in Russia
18.3% finished rolled ferrous metals
17.8% of steel
28% of washing machines
31% of refrigerators and freezers
Competitive advantages of the region

Development center of high-tech and innovative economy sector
The main growth potential of the region is concentrated in the knowledge-intensive sector of the regional economy, where the leading enterprises of the space and nuclear industry, small innovative companies and scientific centers have already been successfully operating.

Comfytable conditions for starting and doing business
The efforts of the regional authorities are aimed at stimulating business activity, improving the legislative base in order to provide the investors with guarantees, expanding the scope of government support tools for business representatives.

Unique natural resource potential
Natural resources of the region include non-ferrous and ferrous metals (more than 90% of Russian nickel and platinoid stock, about 12% of gold). The forest raw material resources of the region make 14.2% of the total Russian stock or 3% of the corresponding global indicator.

Geographical enter of Russia
The Krasnoyarsk Krai is one of the largest regions of Russia, occupying a vast territory from the Arctic Ocean to the southern spurs of the Sayan Mountains.

13.8% is the territory of the Krasnoyarsk Krai in the total area of Russia

58.8 billion rub. - the volume of innovative and high-tech products made by the region’s enterprises in 2016.

419.1 billion rub. - the volume of investments in 2016.

A large transfer hub
All kinds of land transport routes linking the Asian and European parts of Russia run through the territory of the region, while in the meridional direction the Krasnoyarsk Krai is located on the air routes from the countries of South-East Asia to the North American continent.

236 ths. sq. km - the area of the Krasnoyarsk Krai
More than 25% in Russia is the share of Altai Territory in production volume of FOOD ADDITIVES.

63% in Siberia and 14% in Russia is the share of Altai Krai in production volume of ANTIBIOTICS.

Altai Cluster of Agricultural Machinery AltaKAM

Production volume making more than 5.4 billion rubles
About 240 million rubles of investment in fixed assets
About 7500 units released in kind
18 cluster members

Altai Polymer Composite Cluster

Ventilated facade panels
PUF coating
Decking board, siding
Fiberglass rebar

Assembly of Kirovets tractors
Assembly of Altai-Palesse grain harvesters
Production of combined sowing complex of FIAT series