



INNOVATIVE TERRITORIAL AEROSPACE CLUSTER  
OF SAMARA REGION (ITAC SR)

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Innovative territorial aerospace cluster of Samara region (ITAC SR) was founded in 2012 as one of the top 25 pilot cluster projects in Russia, and encompasses leading manufacturing and research institutions in rocket, space systems, engine and aircraft engineering industries. The concentration of all production cycle steps in one region gives the cluster infrastructural and research advantages, and makes it unique in aerospace market.

The main goals of ITAC SR are to contribute to the development and implementation of aerospace knowledge in the areas of defence and national security, promote training of skilled workforce and facilitate technology transfers to other economic sectors.

The core of ITAC SR are such companies as: JSC Rocket and Space Center Progress, OJSC Kuznetsov, OJSC Aviakor - Aviation Plant, OJSC Aviaagregat, OJSC Agregat, OJSC Metallist-Samara, Science Research Institute Ekran, OJSC Salyut. The research side is supported by specialised design and research and development (R&D) centers affiliated with Samara State Aerospace University (National Research University), Samara State Technical University and Samara State University.

Today, ITAC SR is operating in accordance with the 2015-2020 Strategic Development Plan. Its prime contractors specialize in designing, engineering and manufacturing spacecrafts, aero and rocket engines, aerostructure assemblies and components, and perform maintenance and repair. The cluster's turnover is about €1,000 million, and it is a home to about 45,000 employees (including 21,000 workers in R&D sector).





INNOVATIVE TERRITORIAL AEROSPACE CLUSTER  
OF SAMARA REGION (ITAC SR)



# Samara region on the map of Russia

## Samara region

Major transportation hub

Natural resources and industrial potential

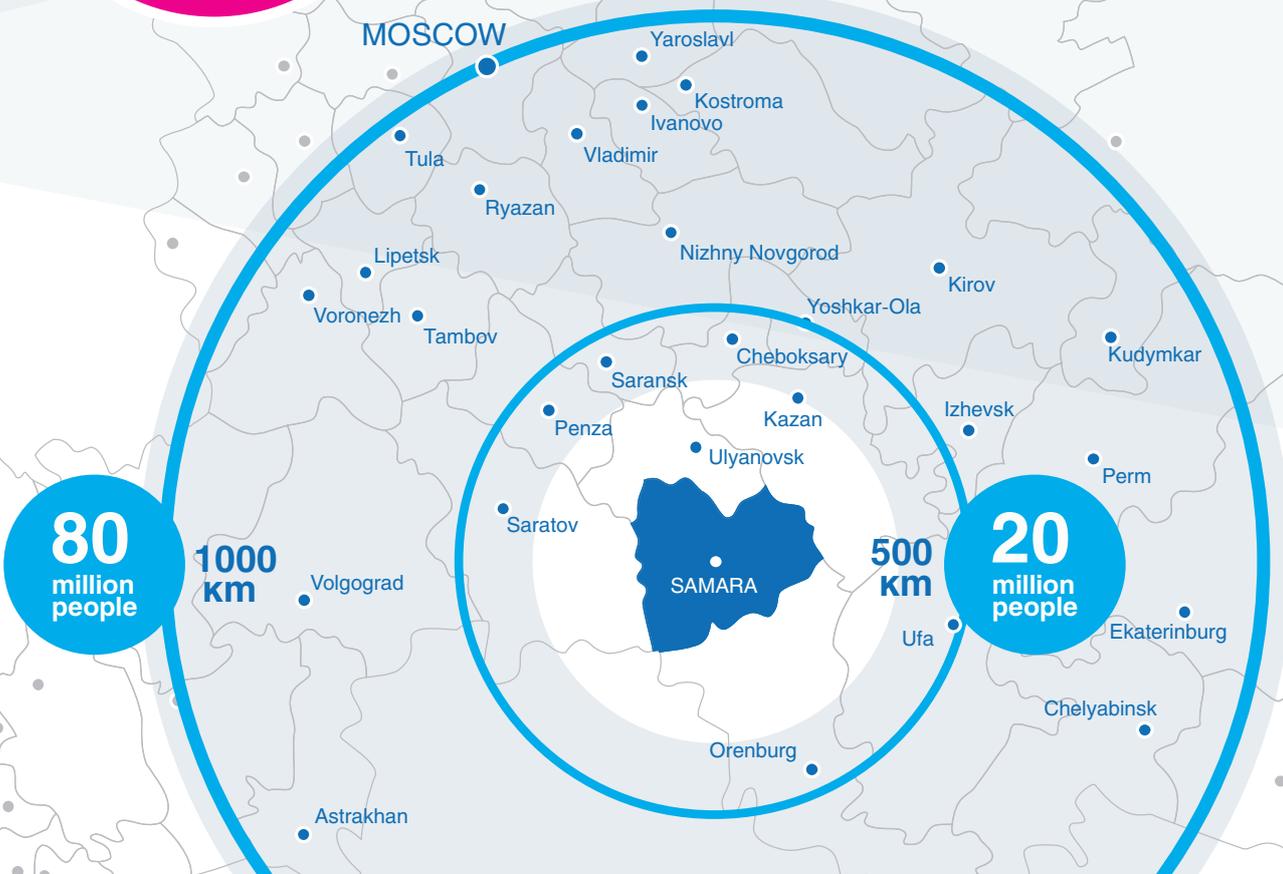
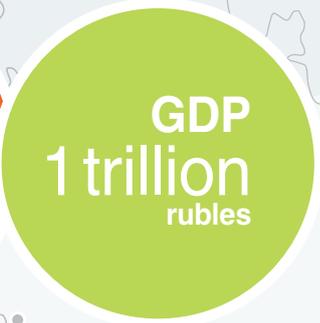
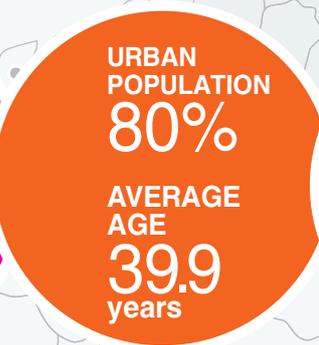
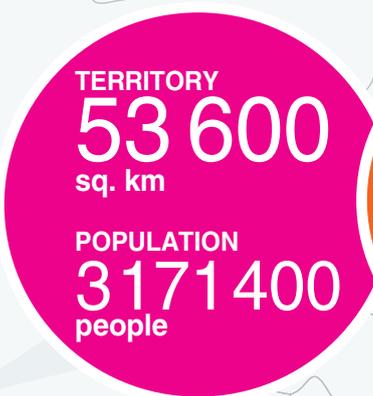
Innovative region

High standards of living

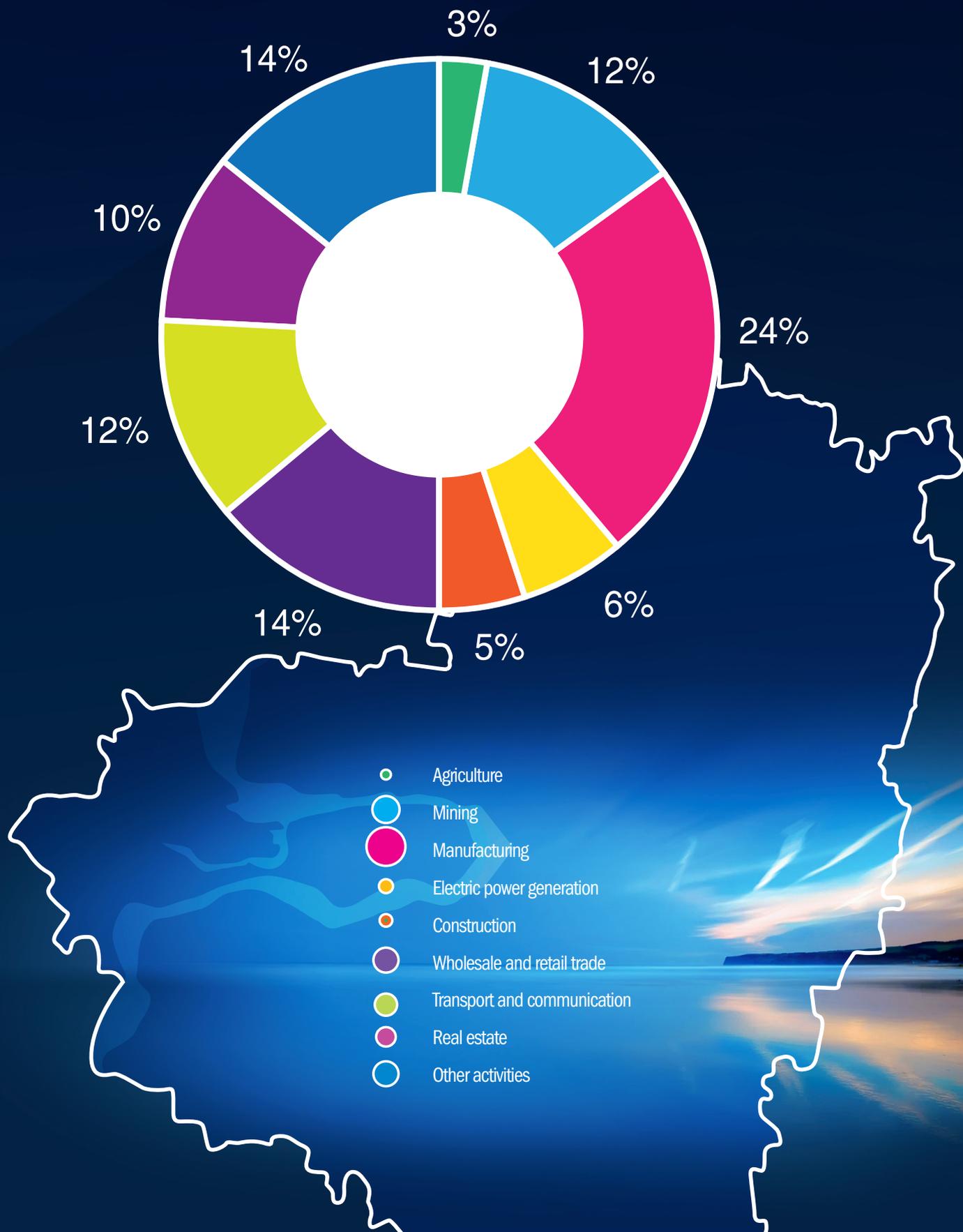
Bisecting Samara region from west to east, Highway M5 is the oldest and one of the largest freeways in Russia and connects European route E30 with AH6 and AH7 highways. Kurumoch International Airport has regular direct connections from and to Europe (including direct flights to Germany) and admits more than 2 million passengers annually, which makes it one of the top 10 busiest airports in Russia.

Samara region is a major rail transportation hub. With the train station "Samara" being one of the largest train stations in Europe, it accommodates more than 16,000 passengers on a daily basis.

685 km of Volga river waterways pass through Samara region. Volga is connected to Sok, Samara, Usa and other tributaries which are used for local navigation. Samara region is number one in cargo and number four in passenger inland shipping in Russia.



# Samara region GDP breakdown





**SAMARA REGION**

**SAMARA**



ITAC SR is located in Samara city, with core companies centered in Kirovskiy and Promishlenniy districts within a 1.5-2 kilometres distance. Samara city accounts for 37% of the total employment in Samara region, 62% of which work for medium and large-sized organizations.

Density of the cluster members	within 2-3 km in Samara city
Employment	11.5% of the total employment in Samara region
Students	54,984 (including 29,300 students in cluster member universities)
Unique innovative products	Soyuz, NK-33A, NK-36, NK-32, NK-361
Major products	rockets, spacecrafts, air planes, engines

# Localization and cluster members

## Goal

Maintain a leading position of Russia, and Samara region in particular, in global aerospace and aircraft markets.

## Facts and figures

Number of members	53
Number of contractors (industry)	3 (11)
Number of SME's	18
Number of research centers and post-secondary institutions	8
Number of workers	45000 people

## Management

Management organization	Centre for Innovation Development & Cluster Initiatives
Financing	Federal, commercial activities

## Core members

### Industry (big enterprises)

JSC Rocket and Space Center Progress	OJSC Agregat	Miniature Bearings Factory
OJSC Kuznetsov	OJSC EPK Samara	Specialized technological design center Plastic Ltd
OJSC Aviakor – Aviation Plant	OJSC Salyut	Samara ZIM-instrument Ltd
OJSC Aviaagregat	OJSC Metallist-Samara	

### R&D centers and post-secondary institutions

Samara State Aerospace University (National Research University)	Cluster Engineering Center of Samara Region (CEC SR)
Samara State University	Togliatti State University
Samara State Technical University	JSC R&D Institution Ekran
Volga Department of the Russian Engineering Academy	Samara Branch of Radio Research and Development Institute

### Small-and medium-sized enterprises

NPO Rosinmash Ltd	Akvil Ltd	Center of High Technologies Ltd
Eco Energy Ltd	Aerodrome composites Ltd	CS Technology Ltd
NPO Aerovolga Ltd	Urartu Systems Ltd	NPO TES
Center of nanosatellite launching services	Molstudio Ltd	NPO Storm Ltd
JSC Samara Space Technology	Astron Ltd	SMT Ltd
Research Center	Ligatura Ltd	
SEC Smart Solutions	Open Code Ltd	

## Areas of specialisation

rockets and airspace systems	auxiliary power units
small spacecrafts	aerostructures and equipment
aircraft engines	

## CLUSTER TERRITORY

**541.1**  
SQ. KM

## Contacts

Centre for Innovation Development & Cluster Initiatives  
www.cik63.ru, e-mail: info@cik63.ru, +7 (846) 332-37-64

Cluster manager: Sergei Kornilov,  
e-mail: Sergei.Kornilov@cecsr.org, +7 (927) 653-89-91

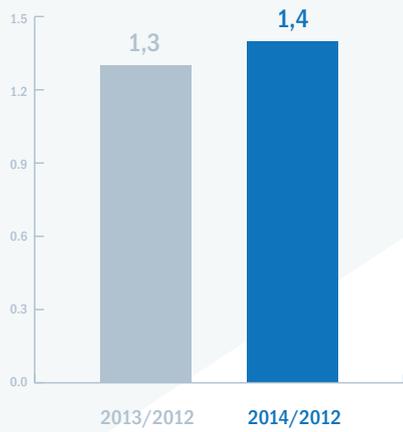
www.cecsr.org

## Samara Region Aerospace Cluster economic outlook

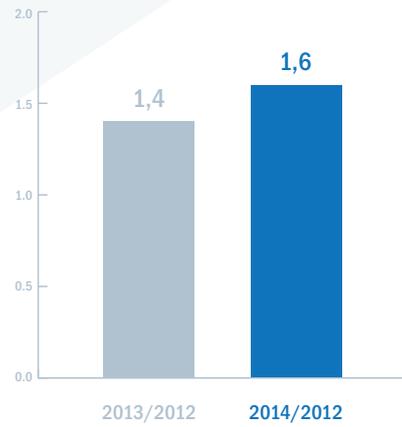
Indicators	Value		
	2012	2013	2014
Total revenue, billions of RUB	40,05	50,4	55,8
Share of global airspace market, %	0,8	1,1	1,3
Revenue per employee, millions of RUB per year	0,89	1,12	1,24
Total investment by cluster members, billions of RUB	2,9	3,51	4,18
Total investment (including federal and non-federal funding), billions of RUB	3,36	3,99	4,95
Revenue from innovative products, billions of RUB	11,96	12,45	12,76
R&D investment, billions of RUB	0,133	0,169	0,218



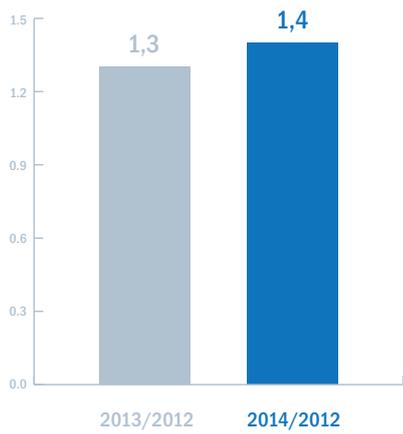
Launch Vehicle «Souz»



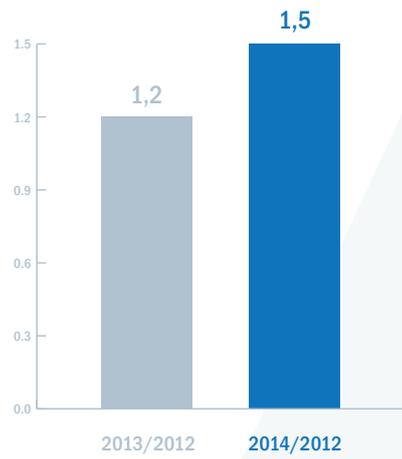
Revenue growth, times



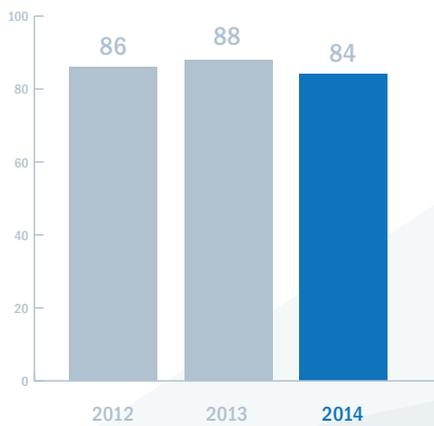
Growth of market shares, times



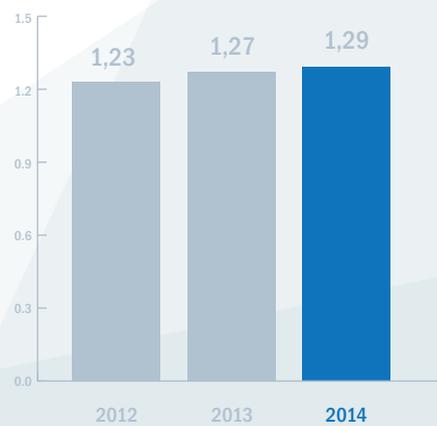
Revenue per employee growth, times



Investment growth, time



Share of cluster members' investment of total investment, %

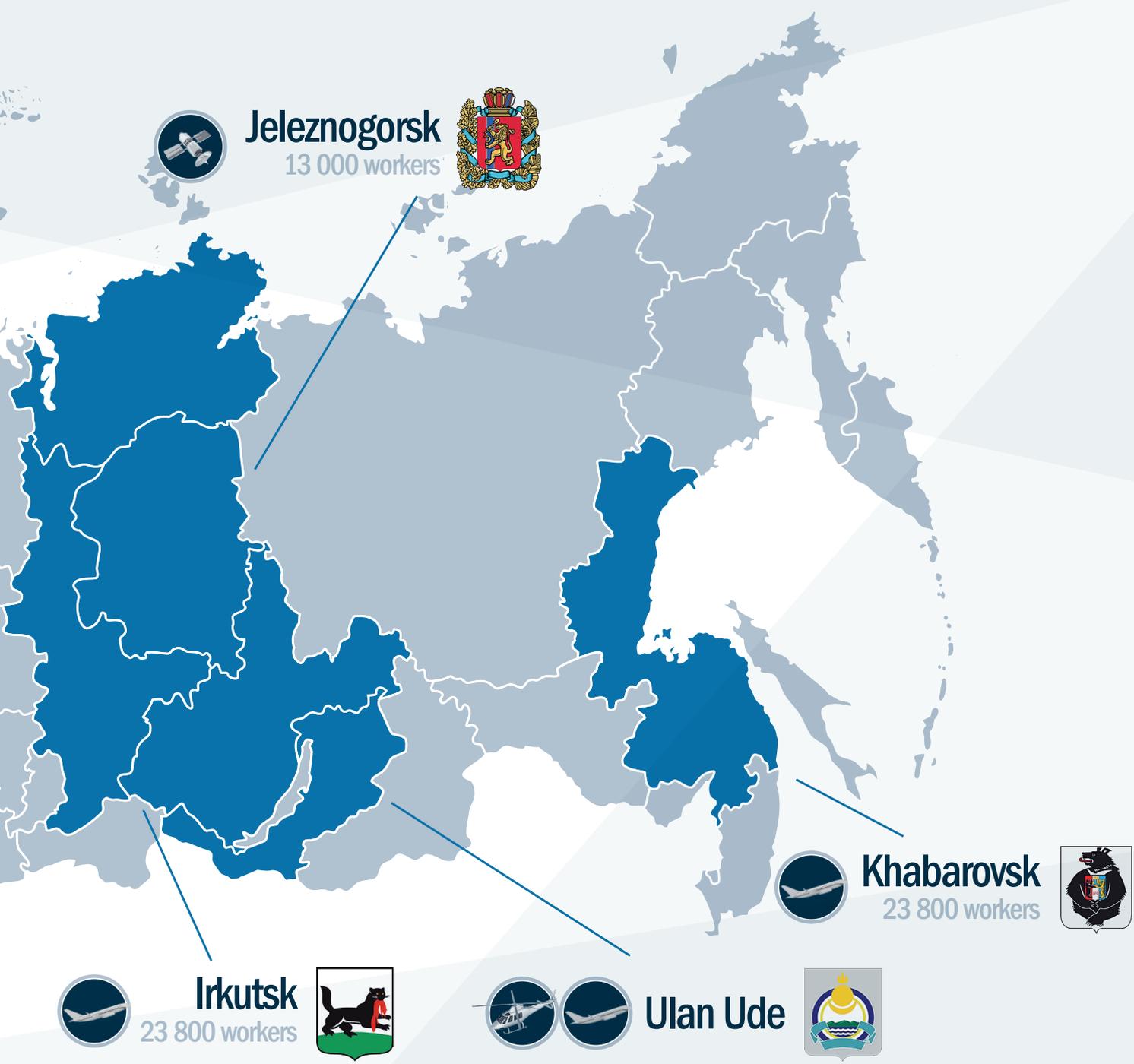


R&D spending growth, times



# Innovative territorial aerospace cluster of Samara region (ITAC SR) as part of the aviation and space cluster group of Russia





# National Aerospace Cluster Partnership

SAMARA REGION INNOVATIVE  
TERRITORIAL AEROSPACE CLUSTER

SAMARA

LAUNCH VEHICLES, SMALL SPACECRAFTS, AERO AND ROCKET ENGINES,  
GAS TURBINE POWER PLANTS, AUXILIARY POWER UNITS, AIRPLANES

"ULYANOVSK-AVIA" CLUSTER

ULYANVSK

CIVIL AND GENERAL AVIATION AIRCRAFTS, CIVIL AND MILITARY AIRPLANES EQUIPMENT,  
AVIONICS, POLYMER AND COMPOSITE AIRCRAFT BODY COMPONENTS

CLUSTER TECHNOPSIS  
"NOVIY ZVEZDNIY"

PERM

LIQUID FUEL JET ENGINES, SOLID FUEL ROCKET ENGINES, TURBOJETS AND GAS TURBINE  
ENGINES FOR MEDIUM AND LONG-HAUL FLIGHT AIRCRAFTS, GAS TURBINE POWER PLANTS

CLUSTER OF INNOVATIVE  
TECHNOLOGIES

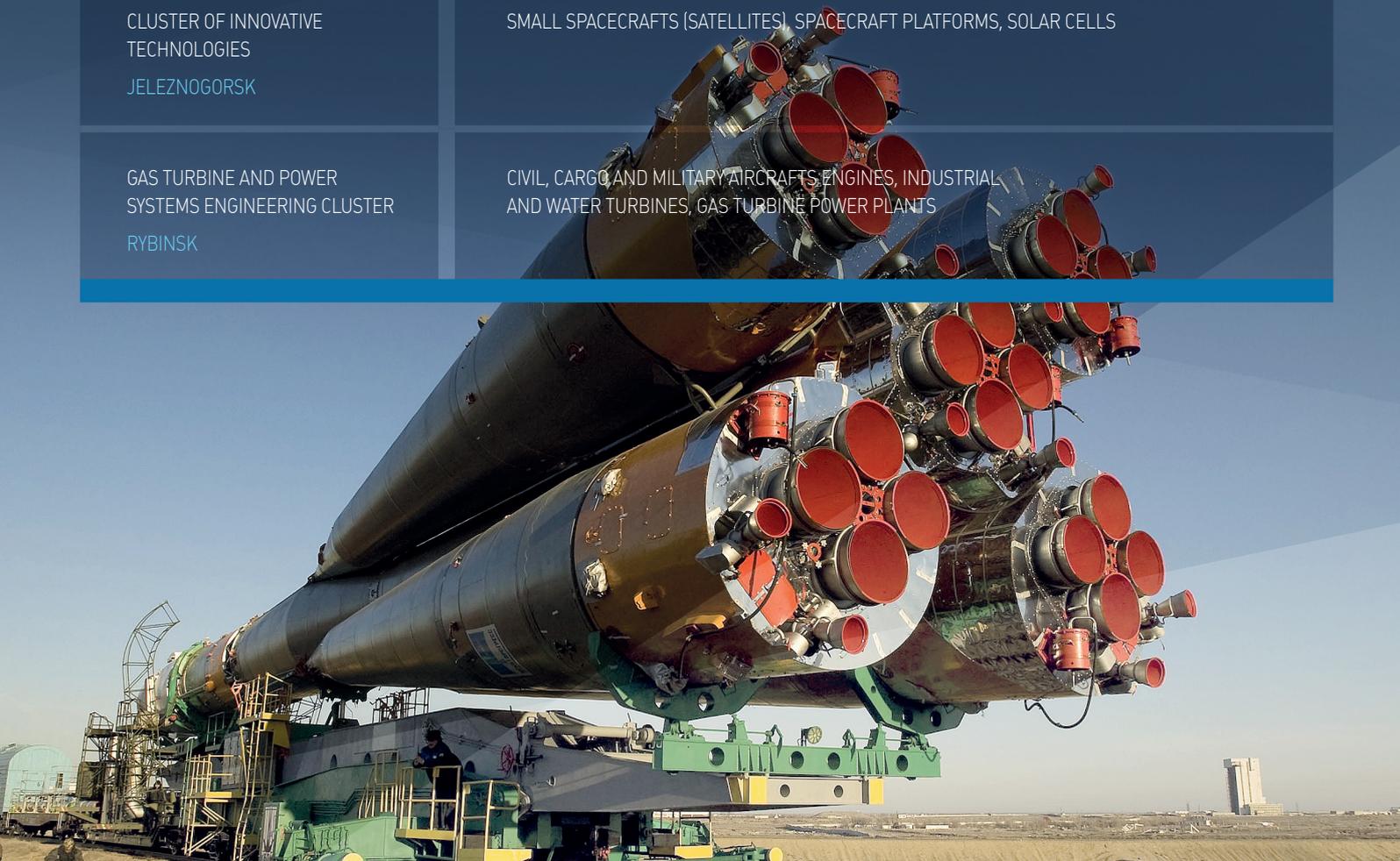
JELEZNOGORSK

SMALL SPACECRAFTS (SATELLITES), SPACECRAFT PLATFORMS, SOLAR CELLS

GAS TURBINE AND POWER  
SYSTEMS ENGINEERING CLUSTER

RYBINSK

CIVIL, CARGO AND MILITARY AIRCRAFTS ENGINES, INDUSTRIAL  
AND WATER TURBINES, GAS TURBINE POWER PLANTS





# EURASIAN PARTNERSHIP OF AEROSPACE CLUSTERS (EPAC)

## Members:

- Innovative territorial aerospace cluster of Samara region
- Gas Turbine and Power Systems Engineering Cluster of Yaroslavl Region (NPO Saturn),
- Ulyanovsk-Avia Cluster,
- Jeleznogorsk Cluster of Innovative Technologies,
- Space Technologies and Telecommunications Cluster «Skolkovo»
- Pole Pégase
- Aerospace Polymer and Composite Technologies Cluster of Koluga Region
- The State Enterprise «Production Association Yuzhny Machinery Plant named after A.M. Makarov»
- International Association of Engineers and IT professionals
- Moscow Aviation Institute (National Research University)
- Vektor NG, and others

## EPAC is a cluster of clusters

### Registration information

June 27, 2013 as an international non-profit partnership

### Mission

to support and promote aerospace industry growth and innovations through integration of Eurasian aerospace clusters

### Management organisation

CJSC Vneshaviakosmos,  
e-mail: info@vneshaviakosmos.com



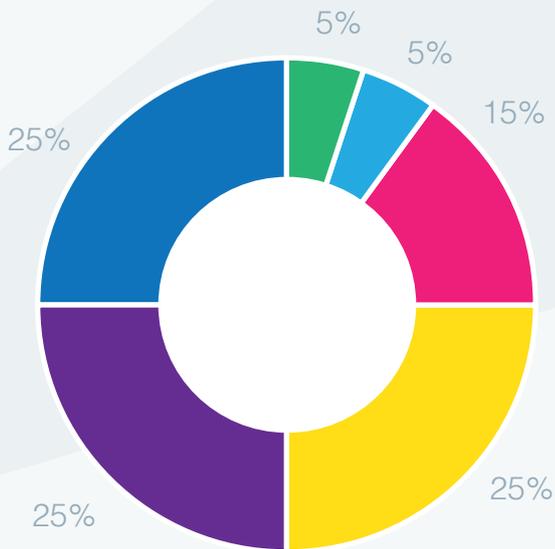
[www.eac.aero](http://www.eac.aero)



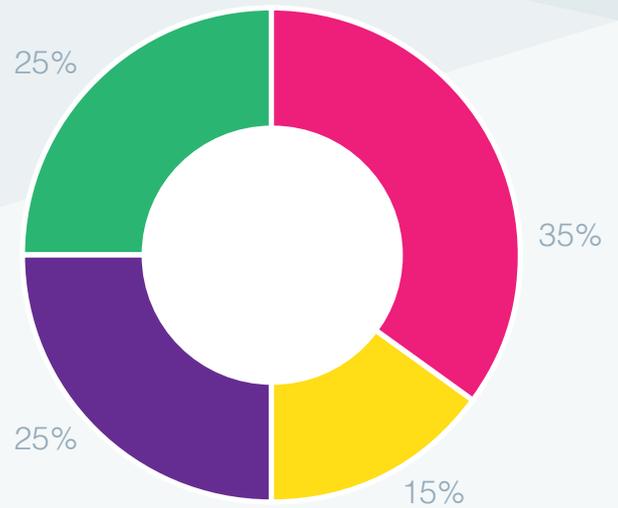
# Innovative territorial aerospace cluster of Samara region (ITAC SR)

Market structure

Market segment:  
small lift launch vehicles



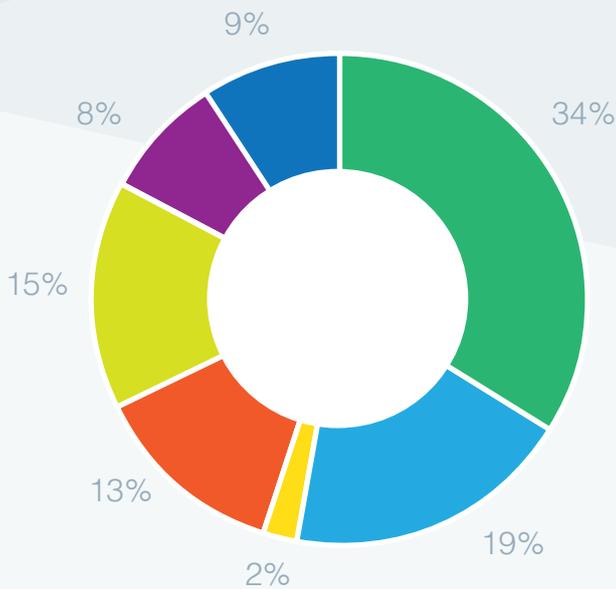
Small lift launch vehicles  
market by country



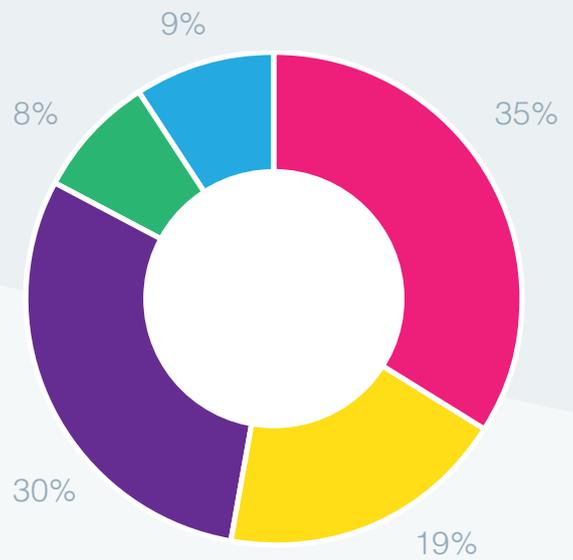
- 5% ● Souz 2-1v
- 5% ● Angara 1.2
- 15% ● Vega
- 25% ● CZ-2C
- 25% ● Rokot
- 25% ● Dnepr

- 35% ● Russia
- 15% ● European Union
- 25% ● China
- 25% ● Ukraine

Market segment:  
medium lift launch vehicles



Medium lift launch vehicles  
market by country



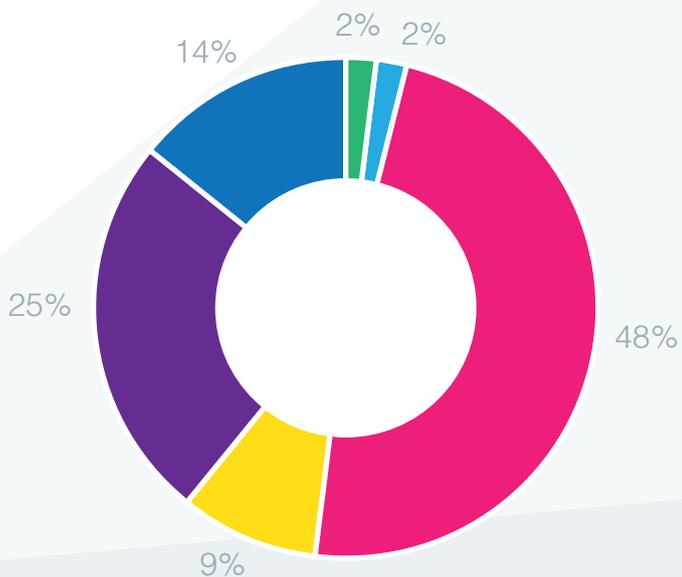
- 34% ● Souz (FG, U, ST, Souz 2-1b, 1a)
- 19% ● CZ (LM) (2D, 2F, 3A, 3C, 4B, 4C)
- 2% ● Falcon 9 1.0
- 13% ● Delta (IV M, II)
- 15% ● Atlas 5 (501, 401, 411)
- 8% ● PSLV
- 9% ● Zanit (2S, 2S5, 3SL, 3SL5)

- 35% ● Russia
- 19% ● China
- 30% ● USA
- 8% ● India
- 9% ● Ukraine

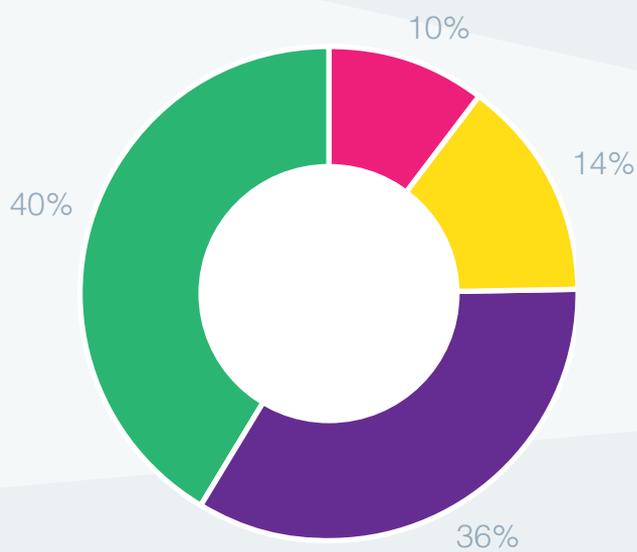
Market shares are calculated for the period 2012-2014  
(as of 01.09.2014)



Market segment:  
regional jets



Potential market segment:  
light aircrafts



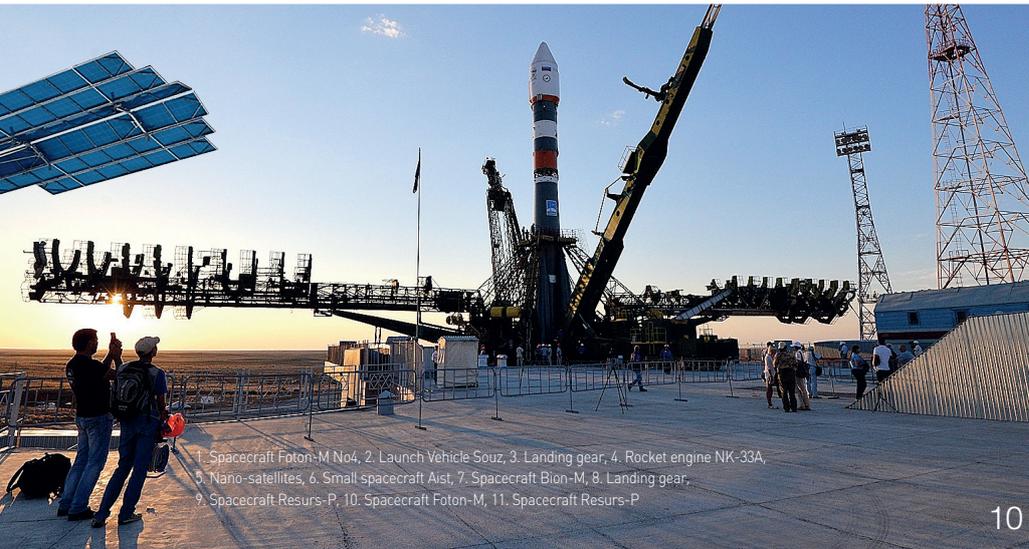
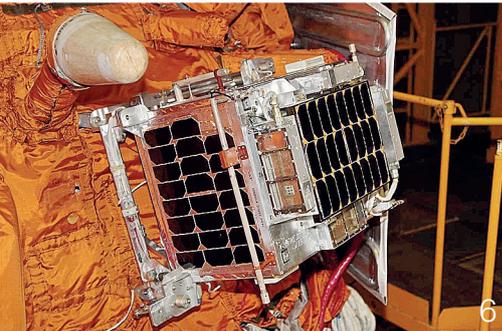
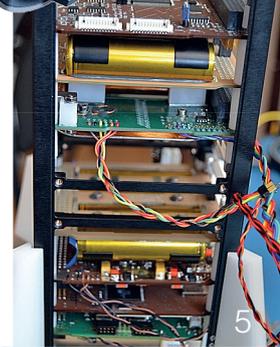
- 2% AN-140-100
- 2% ATR-42-600
- 48% ATR-72-600
- 9% Bombardier Q300
- 25% Bombardier Q400
- 14% MA 60

- 10% estimated cluster share
- 14% L410
- 36% Cessna Grand Caravan EX
- 40% Pilatus PC-12 NG



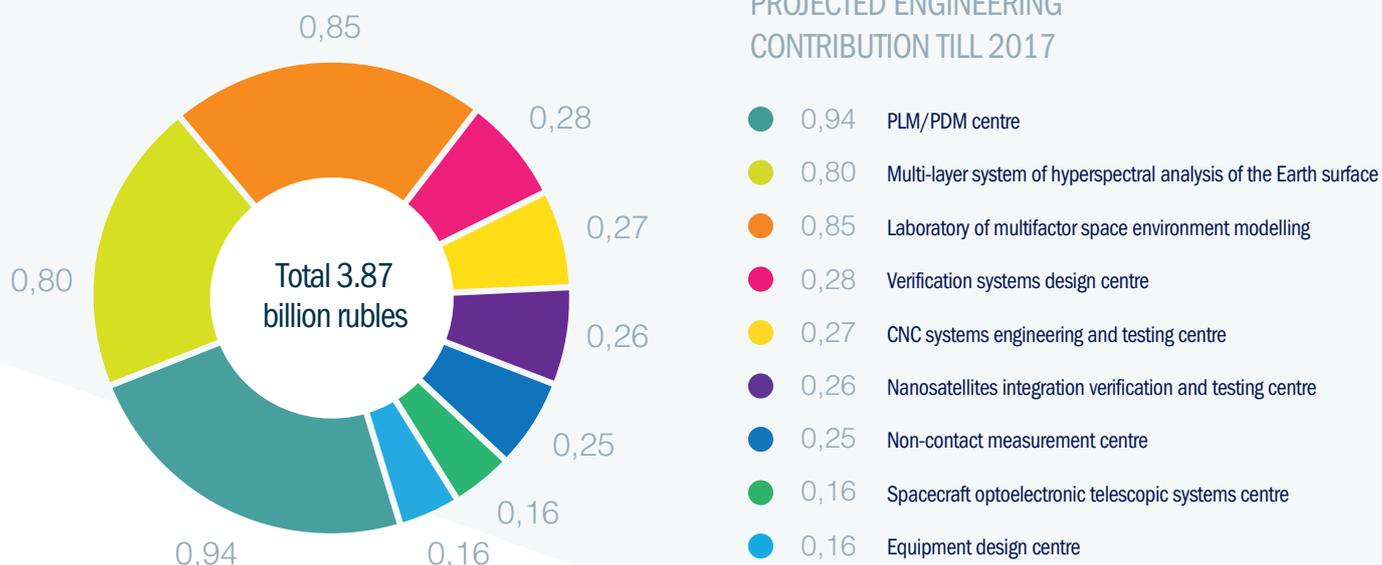
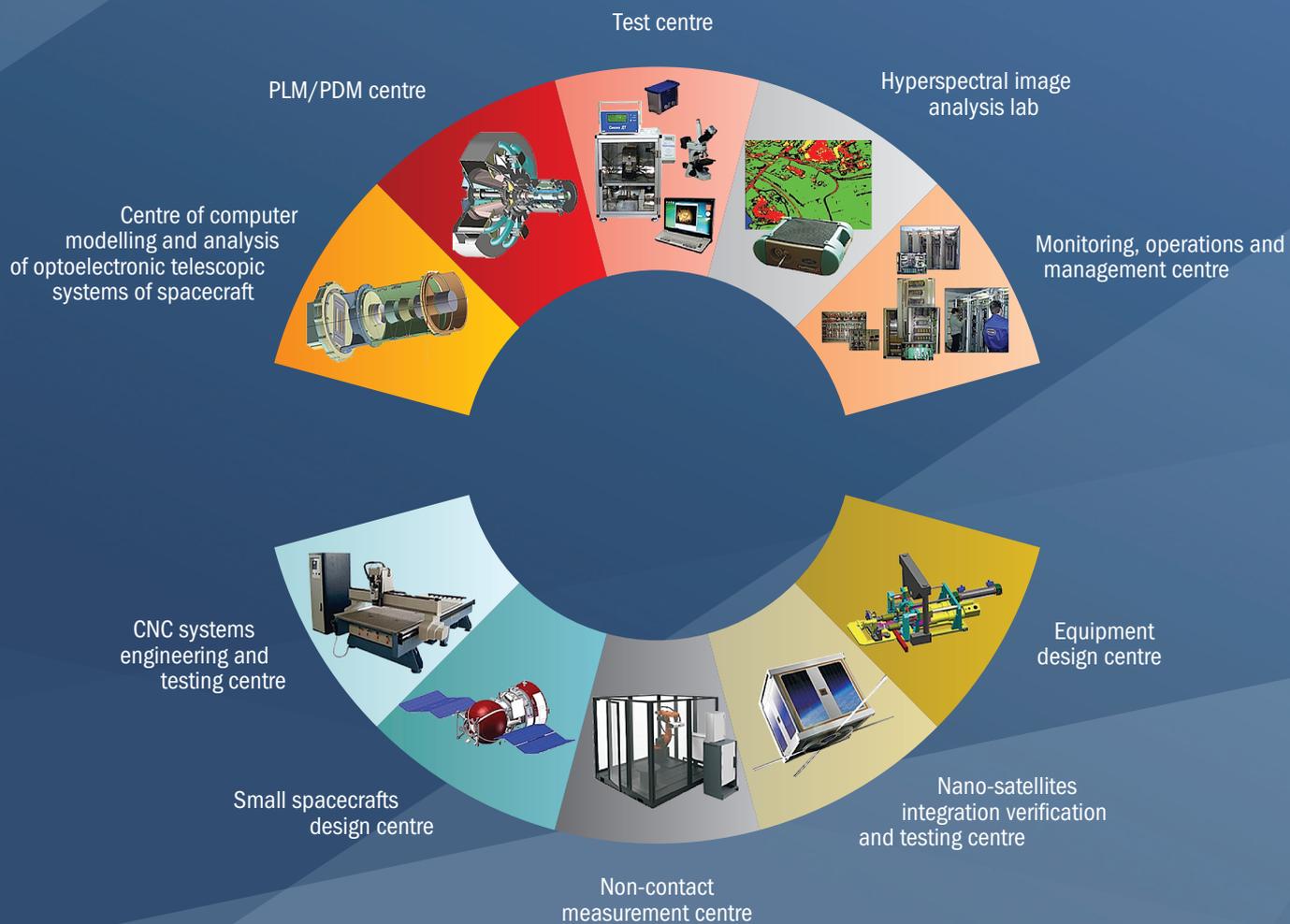
# Core cluster products

Launch Vehicles: Souz U • Souz-FG • Souz-ST • Souz 2-1a  
 Souz 2-1b • Souz 2-1v • Spacecraft Resurs-DK1 • Volga Upper Stage  
 Spacecraft Resurs-P • Spacecraft Bion-M • Spacecraft Foton-M No4  
 Rocket engine NK-33A • Nano-satellites • Small spacecraft Aist  
 Landing gear for IL-476, IL-112B, AN-148, TU-204SM, KA-62 etc.



1. Spacecraft Foton-M No4, 2. Launch Vehicle Souz, 3. Landing gear, 4. Rocket engine NK-33A, 5. Nano-satellites, 6. Small spacecraft Aist, 7. Spacecraft Bion-M, 8. Landing gear, 9. Spacecraft Resurs-P, 10. Spacecraft Foton-M, 11. Spacecraft Resurs-P

# Engineering centre of Samara region Innovative Territorial Aerospace Cluster





Innovative territorial aerospace cluster of Samara region

## LAUNCH VEHICLES MANUFACTURING SUB-CLUSTER

JSC «Rocket and Space Center «Progress» is one the leading engineering and manufacturing companies in the rocket and space industry in Russia. It was founded in 1894 and was known as FGUP GNPCC TsSKB Progress until July 1, 2004. The company's head office is located in Samara, Russia.

### JSC Rocket Space Center Progress

#### LIST OF JSC ROCKET SPACE CENTER PROGRESS ENTERPRISES:

- Baikonur office (Baikonur, Kazakhstan)
- Krasnoznamensk office (Krasnoznamensk, Moscow region, Russia)
- Plesetsk office (Mirny, Arkhangelsk region, Russia)
- Moscow office (Moscow, Russia)
- East side office (Ulegorsk, Amur region, Russia)
- NPP Optoelectronic complexes and systems (Zelenograd, Moscow, Russia)
- OKB Spektr (Ryazan, Russia)





Innovative territorial aerospace cluster of Samara region

## ENGINE MANUFACTURING SUB-CLUSTER

### OJSC Kuznetsov

OJSC Kuznetsov is a machinery, aero and space engines manufacturer owned by Russian United Engines Corporation. The company is located in Samara and changed its name from JSC Motorostroitel in 2010. In 2011, it merged with OJSC SNTK Kuznetsov, OJSC SKBM and OJSC NPO Povoljsky AviTI.



**КУЗНЕЦОВ**  
**ОДК**

Innovative territorial aerospace cluster of Samara region

# AIRCRAFT MANUFACTURING SUB-LUSTER





## OJSC Aviakor - Aviation Plant

The company is specialising in manufacturing, maintenance and repair of civilian aeroplanes TU-154 and AN-140. Aviakor-Aviation Plant is one of a few enterprises in Russia that employs batch production technique for military and civilian aircrafts

manufacturing using in-house produced components. In different years, the company was known as Plant 18, Kuibyshev Machinery Manufacturing Plant and Kuibyshev Aviation Plant.



## OJSC Aviaagregat

Major player in design and manufacturing of landing gear for IL-96, TU-204/214, AN-74, AN-148, IL-76MD-90A, KA-62, Sukhoi Superjet 100 (since 2014). An example of significant work of the company's engineering

team is the design of landing gear for a heavy military aircraft IL-76MD-90A which increased the plane's bearing capacity to 60 tons and maximum launch weight to 210 tons.



# Labors and Centers of the Cluster Engineering Center

## Nano-satellites integration verification and testing centre

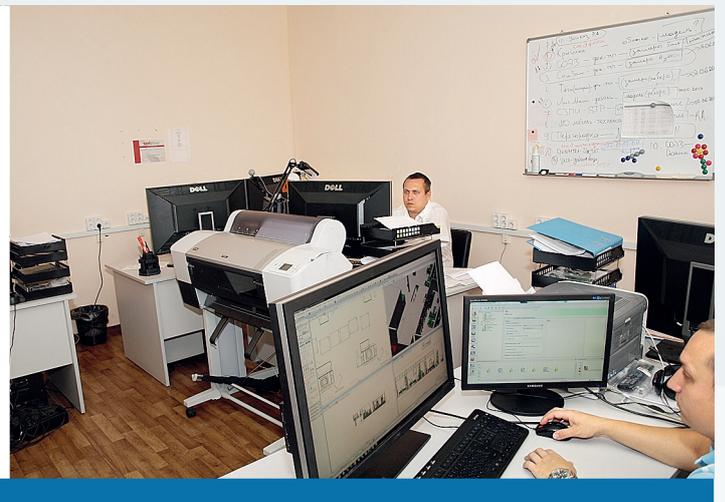
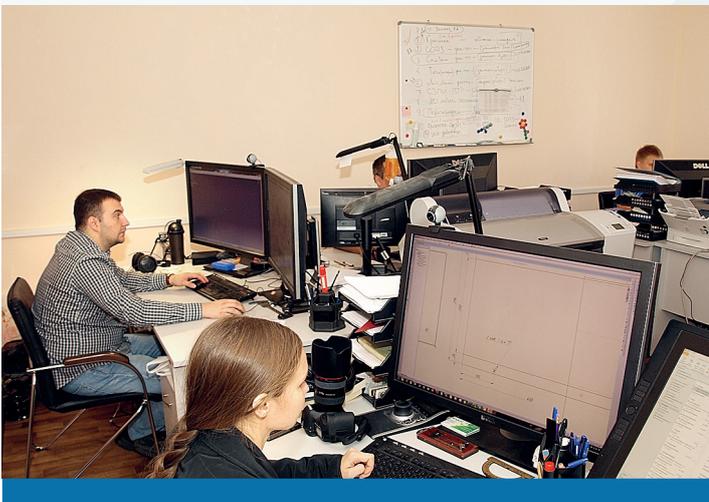


## Hyperspectral image analysis lab (including Aviation laboratory of Earth remote sensing)





## PLM/PDM centre and Equipment design centre



## Non-contact measurement centre



## Multi-level system of hyperspectral analysis of Earth remote sensing

Design, manufacturing, testing and certification of aircraft laboratory of Earth remote sensing equipped with hyperspectral imaging instruments and high precision navigation systems

Launching of the Regional Hyperspectral Imaging Foundation of Earth remote sensing

Development of ground based stationary and mobile physico-chemical laboratories

Design of a computer application for hyperspectral data analysis



## OJSC Aviakor - Aviation Plant

Year established	1930
Key people	Gusev Alexey, CEO
Turnover	€51.6 million
Core products	Aircrafts AN-140, TU-154M, AN-74
Clients / Partners	<ul style="list-style-type: none"><li>• Ministry of Defence of the Russian Federation</li><li>• Ministry of Internal Affairs of the Russian Federation</li><li>• Federal Security Service</li><li>• United Aircraft Corporation</li></ul>

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# АВИАКОР

АВИАЦИОННЫЙ ЗАВОД





## OJSC Kuznetsov



**КУЗНЕЦОВ**  
**ОДК**

Year established	1912
Key people	Yakushin Nikolay, CEO
Turnover	€ 200 million
Core products	<ul style="list-style-type: none"><li>• Aircraft gas turbine engines</li><li>• Liquid rocket engines for space rockets R-7</li><li>• Drive gas compressor units and block-modular power generators</li></ul>
Cluster member type	Supplier
Clients / Partners	<ul style="list-style-type: none"><li>• Ministry of Defence of the Russian Federation</li><li>• JSC Rocket and Space Center Progress</li><li>• Russian Railways</li><li>• Tupolev</li><li>• Gazprom</li><li>• Aerojet Rocketdyne</li></ul>

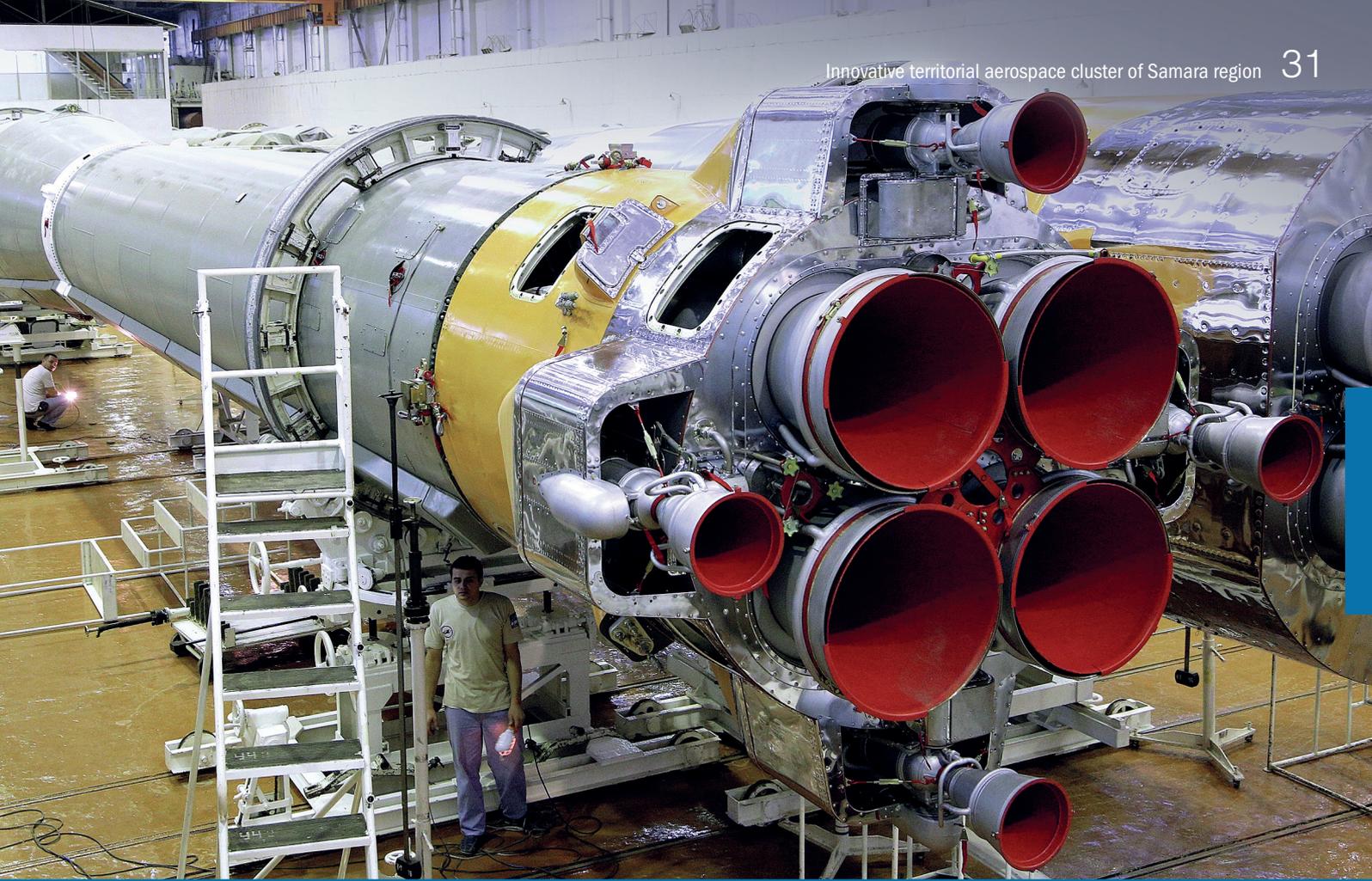
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Телефон **+7 (846) 955-16-12**

Факс **+7 (846) 992-64-65**

Mail **motor@motor-s.ru**

Web **www.kuznetsov-motors.ru**





## JSC «Rocket and Space Center «Progress»



Year established	1894
Key people	Kirilin Aleksandr, CEO
Turnover	€ 600 million
Core products	<ul style="list-style-type: none"><li>• Light and medium launch vehicles</li><li>• Satellites for Earth monitoring and meteorological research</li><li>• Space tugs</li></ul>
Clients / Partners	<ul style="list-style-type: none"><li>• Ministry of Defence of the Russian Federation</li><li>• United Rocket and Space Corporation</li><li>• Roscosmos</li><li>• Starsem</li><li>• Arianespace</li></ul>

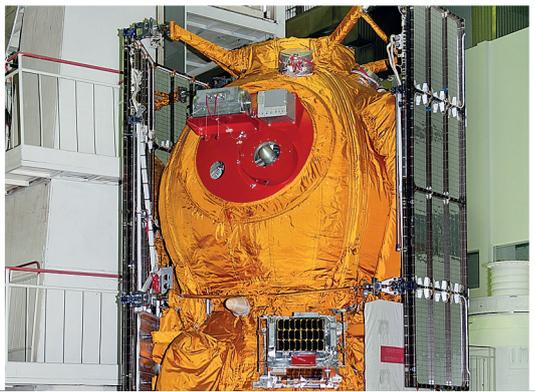
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## OJSC Metallist-Samara

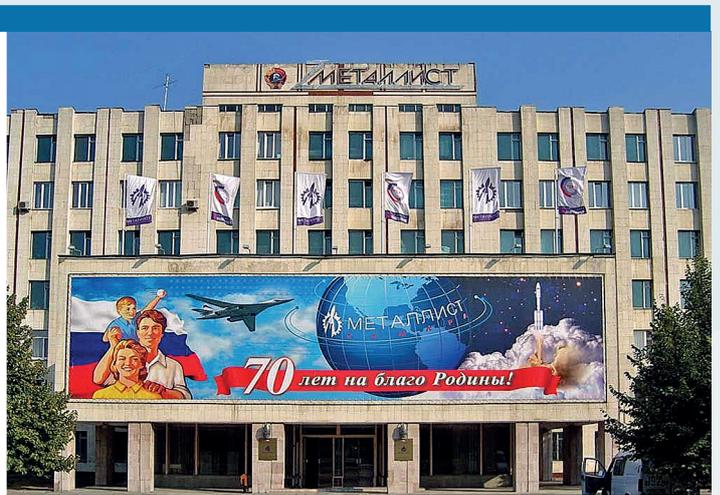
Year established	1941
Key people	Eliseev Yuriy, CEO
Turnover	€ 35 million
Cluster member type	Supplier
Core products	<ul style="list-style-type: none"><li>• Combustion chamber and nozzles of liquid rocket engines</li><li>• Aircraft gas turbine engines</li><li>• Metallic sound-absorbing devices for aircraft gas turbine engines</li></ul>
Clients / Partners	<ul style="list-style-type: none"><li>• Energomash</li><li>• Perm Engine Company</li><li>• Aviastar-SP</li><li>• State Enterprise Ujmash</li></ul>



Address **278 Promishlennosti st.,  
Samara, Russia, 443023**

Mail **ms@sama.ru**

Web **www.metallist-s.ru**





## OJSC EPK Samara

Year established	1941
Key people	Mokichev Sergei
Cluster member type	Supplier
Core products	<ul style="list-style-type: none"><li>• Bearings for automotive-tractor industry</li><li>• Rail transport</li><li>• Military industrial sector and aerospace sector</li></ul>
Clients / Partners	<ul style="list-style-type: none"><li>• JSC Rocket and Space Center Progress</li><li>• Aviadvigatel Perm</li><li>• OJSC Kazan Helicopters</li><li>• Salyut Moscow</li></ul>

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+7 (846) 312-26-71  
**Mail** zap@samzap.ru  
**Web** www.epkgroup.ru

# OJSC Salyut

Year established	1941
Key people	Porollo Nikolay
Turnover	€ 38.8 million
Cluster member type	Supplier
Core products	Power systems for space-rocket complexes
Клиенты / партнеры	<ul style="list-style-type: none"> <li>• Corporation Tactical Missiles</li> <li>• IBC Iskra</li> <li>• GMKB Vympel</li> </ul>



Address **20 Moskovskoe shosse, Mezhzavod, Samara, Russia, 443028**

Mail **salutomc@yandex.ru**

Web **www.salute-samara.ru**



## OJSC Aviaagregat

Year established	1932
Key people	Petrichko Andrey
Core products	<ul style="list-style-type: none"><li>• Landing gear (CPG)</li><li>• Composite</li><li>• Anti-corrosion and anti-friction parts and assemblies for landing gear</li><li>• Absorbing devices</li></ul>
Cluster member type	Supplier
Clients / Partners	<ul style="list-style-type: none"><li>• VASO</li><li>• KAZ im.S.P. Gorbunov-Filial Tupolev</li><li>• Aviastar-SP</li><li>• Ulan-Ude Aviation Plant</li><li>• Komsomolsk-on-Amur Aircraft Plant KNAAZ</li><li>• Azovzagalmash</li><li>• Kolomna factory</li><li>• Ruzkhimmash</li></ul>

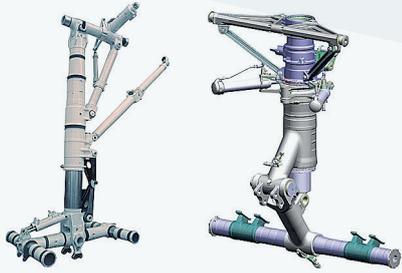
Address **55 Zavodskoe shosse,  
Samara, Russia, 443009**

Phone **+7 (846) 207-00-01**

Fax **+7 (846) 207-10-01**

Mail **mail@aviaagregat.net**

Web **www.aviaagregat-samara.com**



Today «Aviaagregat» is dynamically developing enterprise, which has strong production and experimental base, modern technological processes and high-performance equipment to ensure the quality and reliability of its products.





## Specialized technological design center «Plastic» Ltd

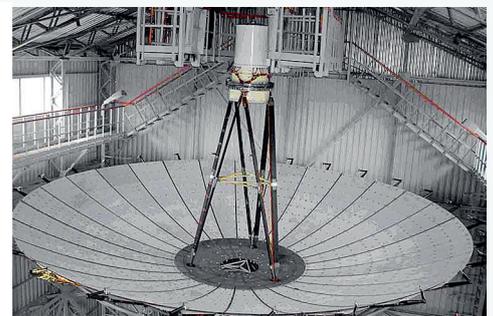
Year established	1965
Key people	Savin Sergey, CEO
Core products	<ul style="list-style-type: none"><li>• Polymer and composite parts of aircraft structures</li><li>• Components of radars and other structures</li><li>• Plastic components</li></ul>
Cluster member type	Supplier
Clients / Partners	<ul style="list-style-type: none"><li>• JSC Rocket and Space Center Progress</li><li>• GM-AVTOVAZ</li><li>• GAZ</li><li>• UAZ</li><li>• IzhAvto</li><li>• Robert Bosch Saratov</li></ul>

Address **4 Saratovskoe shosse, Sizran,  
Samara region, Russia, 446025**

Phone **+7 (846) 492-73-69**

Fax **+7 (846) 498-82-88**

Web **[www.plastmass.com](http://www.plastmass.com)**



## Samara ZIM-instrument Ltd

Year established	1993
Key people	Gershburg Dmitriy
Turnover	€1.2 million
Core products	Rigging technologies, special tools
Cluster member type	Supplier
Clients / Partners	<ul style="list-style-type: none"> <li>• GosMKB Raduga • Aviaagregat • NPO Saturn</li> <li>• UMPO • TMKB Soyuz • Kuznetsov • Vazinterservice</li> <li>• JSC Rocket and Space Center Progress</li> <li>• Aviakor-Aviation Plant • Salyut</li> <li>• Volskiy Mechanical Plant • Temp-Avia</li> </ul>



**Address** 20 Moskovskoe shosse,  
 Mekhzavod, Samara,  
 Russia, 443028, PO box 1214  
**Phone** +7 (846) 957-33-82, 957-17-16  
**Fax** +7 (846) 957-33-82  
**Mail** zim-instr@yandex.ru  
**Web** www.zim-i.ru

## OJSC Agregat

Year established	1948
Key people	Chramov Victor, CEO
Core products	Units for aircrafts: Units for fuel, hydraulic, pneumatic, cryogenic, technology, sanitation systems, general engineering, etc.
Cluster member type	Supplier
Clients / Partners	<ul style="list-style-type: none"> <li>• OJSC Sukhoi • OJSC Corporation Irkut • AVIASTAR-SP</li> <li>• OJSC Kuznetsov • OJSC Kazan Helicopters</li> </ul>



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 Samara, Russia, 443022  
**Phone** +7 (846) 955-04-58  
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**Web** www.agregat63.ru



# Miniature Bearings Factory

Year established	1954
Key people	Surskiy Andrey
Turnover	€30 million
Core products	Miniature precision ball bearings (radial, radial thrust, etc.)
Cluster member type	Supplier
Clients / Partners	• Enterprises in aerospace industry • Medical equipment and dentistry



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Phone **+7 (846) 973-31-31**

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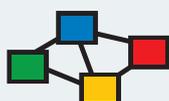
Web **[www.mbf-samara.ru](http://www.mbf-samara.ru)**



# SEC Smart Solutions



Year established	2010
Key people	Tomey Svetlana, CEO
Turnover	€ 3.1 million
Cluster member type	Supplier
Core products	<ul style="list-style-type: none"> <li>• Smart Trucks – intelligent system for cargo transportation management</li> <li>• Smart Trucks – intelligent system for cargo transportation management</li> <li>• Smart Factory – intelligent system for machine building workshops management</li> <li>• Smart Field Services – intelligent system for mobile resources management</li> <li>• Smart Projects – intelligent system for project management</li> <li>• Smart Satellite – intelligent system for satellites swarm management</li> </ul>
Clients / Partners	<ul style="list-style-type: none"> <li>• RKK Energy • Russian Railways • Oboronprom • Aviaagregat • Lorri</li> <li>• Monopoly • Prologics • SVGK • EADS • LEGO • Barloworld • Airbus • MIT</li> <li>• Multi-Solutions (Finland) • University of Manchester • Swiss Space Center (EPFL)</li> </ul>
Партнеры	<p>ИПУ РАН, ИПУСС РАН, СГАУ, ПГУТИ, СамГТУ, АО «РКЦ «Прогресс», Multi-Solutions (Финляндия), Smart Optimizing (Финляндия), Open University (Великобритания), Cologne University of Applied Sciences (Германия), University of Manchester (Великобритания), EPFL: Swiss Space Center (Швейцария), CSEM (Швейцария), MIT (США)</p>



**НПК «Разумные решения»**  
Мультиагентные технологии для управления ресурсами

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 Fax **+7 (846) 279-37-79**  
 Web **www.smartsolutions-123.ru/en**  
 Mail **info@smartsolutions-123.ru**



## Eco Energy Ltd



Year established	2010
Key people	Lysov Egor, CEO
Core products	<ul style="list-style-type: none"> <li>• wind turbines</li> <li>• heat pumps</li> <li>• thermal collectors</li> <li>• infrared heaters</li> <li>• solar panels</li> <li>• R&amp;D in the field of alternative energy</li> </ul>
Cluster member type	Primary contractor
Clients / Partners	<ul style="list-style-type: none"> <li>• Technology Platform «Smart Energy System of Russia»</li> <li>• Ecology Services</li> <li>• JA Solar</li> <li>• Samara State Aerospace University</li> <li>• Srednevol'skaya Gas Company</li> </ul>

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Samara, Russia, 443086**

Phone **+7 (846) 272-72-75**

Fax **+7 (846) 267-48-25**

Mail **ecoenergy-russia@mail.ru**

Web **www.ecoenergy-russia.ru**



## Aerodrome composites Ltd

Address **14, bild.1, office 24,  
Zavodskoe shosse,  
Samara, Russia, 443022**

Phone **+7 (917) 163-20-95, 997-36-18**

Fax **+7 (846) 997-36-18**

Mail **utes63@mail.ru**

Key people	Reshetnikov Vladimir
Cluster member type	Supplier
Core products	<ul style="list-style-type: none"> <li>• Development and production of composite aircraft profile</li> <li>• Product composite profile advertising</li> <li>• Utilities and cleaning equipment and non-standard equipment with the use of composite materials.</li> </ul>
Clients / Partners	Aerodrome equipment plant, etc.

## CS Technology Ltd

Key people	Dmitriev Vyacheslav
Cluster member type	Supplier
Core products	Software development and consulting
Clients / Partners	NIAEP JSC, etc.

Address **4, bild. 1a, Leninskiy pr.,  
Moscow, Russia, 119049**

Mail **iss@cstechnologymail.ru**

## Akvil Ltd

Year established	2010
Key people	Ilukhin Vladimir, CEO
Turnover	€120 thousand
Cluster member type	Supplier
Core products	• Aquadisplays • Robotic technologies • Production automation systems
Clients / Partners	• Business enterprises • Motorika • Camozzi Group



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Phone **+7 (846) 267-47-94**

Web **www.akvil-samara.ru**



## NPO Aerovolga Ltd



Year established	2002
Key people	Lopukhov Vyacheslav, Managing Executive Director
Core products	<ul style="list-style-type: none"> <li>• CA-50 - agricultural aircraft, 2 seats</li> <li>• TC-A21 - regional aircraft, 21 seats</li> <li>• LA-8 - amphibian, 8 seats</li> <li>• design, production and testing of aircrafts</li> </ul>
Cluster member type	Primary contractor
Clients / Partners	<ul style="list-style-type: none"> <li>• LYCOMING</li> <li>• J.P.Instruments</li> <li>• MT-Propeller Entwicklung GmbH</li> <li>• Ceska Letecka Servisni a.s.</li> <li>• LOM PRAHA s.p.</li> </ul>

Address **Krasnij yar, Samara region, Russia, 446370**

Phone/fax **+7 (846) 993-49-88**

Mail **aerovolga.63@mail.ru**

Web **www.aerovolga.com**

## NPO TES

Key people	Shevtcov Aleksandr
Cluster member type	Supplier
Core products	Development and production of energy-saving devices for electric filter-systems and systems of limited power

Address **34-102 Marshala Zhukova st., Togliatti, Russia, 445051**

Mail **A\_shevtsov@list.ru**

## Open Code Ltd

Year established	2001
Key people	Surnin Oleg
Turnover	€4.3 million
Cluster member type	Supplier
Core products	<ul style="list-style-type: none"> <li>• Decision Support Systems (based on Web 3.0 technology and ontological knowledge bases)</li> <li>• solutions for E-Government • solutions for E-Health • internet portals and web • digital Archives and documents digitization • information security services • mobile applications development (iOS/Android) • TV-portals and Internet television • databases development (Microsoft SQL, Oracle Database, Postgre SQL, Firebird)</li> </ul>
Clients / Partners	<ul style="list-style-type: none"> <li>• Government, educational and health institutions • Gazbank • Zhigulevskoye pivo • PepsiCo</li> <li>• Rosbank • Rosselhozbank • Rusfinance Bank • Samaraneftgaz • Samara city electric networks</li> <li>• Sberbank of Russia • Commercial bank «Solidarity» • Russian Railways • UniCredit Bank</li> <li>• ESET • Symantec • Autodesk • Corel • Adobe • ORACLE • Embarcadero • Microsoft</li> <li>• 1C • ABBYY • PROMT • KASPERSKY Lab. • Dr.WEB • Sirius Corporation • Alt Linux</li> </ul>



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Samara, Russia, 443001**  
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 Mail **info@o-code.ru**  
 Web **www.o-code.ru**



## NPO Storm Ltd

Key people	Buryashkin Sergei
Cluster member type	Supplier
Core products	<p>Special electrical machines and products on their base:</p> <ul style="list-style-type: none"> <li>• generators • micro hydro power plant</li> <li>• hybrid power supply system</li> </ul>
Clients / Partners	<ul style="list-style-type: none"> <li>• SSAU • SSTU</li> <li>• Centre for Innovation Development and Cluster Initiatives</li> </ul>



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Samara, Russia, 443086**  
 Phone **+7 (846) 267-48-57**  
 Mail **mailbox@storm-samara.ru**  
 Web **storm-samara.ru**



## NPO Rosinmash Ltd



Address **1 Naberezhnaja st.,  
Samara, Russia, 443036**  
Phone **+7 (846) 321-00-23**  
Fax **+7 (846) 321-00-24**  
Mail **mail@svsz.ru**  
Web **www.svsz.ru**

Address **19 Uritsogo st., office 11,  
Samara, Russia, 443030**  
Phone **+7 (846) 321-00-23**  
Fax **+7 (846) 321-00-24**  
Mail **office@svsz.ru**

Year established	2009
Key people	Starikov Dmitry, CEO
Core products	<ul style="list-style-type: none"> <li>• Lathes SVSZ</li> <li>• Machine-tool accessories and spare parts for lathes</li> </ul>
Cluster member type	Supplier



## Molstudio Ltd

Address **2 Kirova prospect, 3 bld.,  
Samara, Russia, 443022**  
Phone **+7 (927) 658-50-83**  
Mail **akimov@moldstudio.ru**  
**pressforma63@gmail.com**  
Web **www.moldstudio.ru**

Year established	2006
Key people	Akimov Andrey
Turnover	€ 300 thousand
Cluster member type	Supplier
Core products	<ul style="list-style-type: none"> <li>• Press frames • extrusion dies and calibrators</li> <li>• blowing machine plates • vacuum forming plates</li> </ul>
Clients / Partners	<ul style="list-style-type: none"> <li>• Car manufacturers • Kinelagroplast • Tekhnotron</li> <li>• Megaplast • Samaraavtojut • Rekar • Avtop</li> <li>• Ideal-Plast • Avroplast • Avtoplast-Syzran • Avers</li> </ul>

## Urtu Systems Ltd

Year established	2006
Key people	Gasparov Markar
Turnover	> €1 Million
Cluster member type	Supplier
Core products	<ul style="list-style-type: none"> <li>• Motion control systems</li> <li>• sound analyzers</li> </ul>
Clients / Partners	<ul style="list-style-type: none"> <li>• National Instruments Corporation</li> <li>• ITI GmbH</li> <li>• Software&amp;Engineering B.V.</li> <li>• Dynex/Rivett Inc</li> <li>• BCA Export</li> <li>• Van Technologies LLC</li> </ul>

**URARTU**<sup>systems</sup>

**Address** 34a Moskovskoe shosse,  
3b bld., office 23,  
Samara, Russia, 443086

**Phone** +7 (846) 267-45-00

**Mail** [info@urartusystems.ru](mailto:info@urartusystems.ru)

**Web** [www.urartusystems.ru](http://www.urartusystems.ru)



## JSC «Samara Space Technology Research Center»

Key people	Belokonov Igor
Cluster member type	Supplier
Core products	Science- research space technologies
Clients / Partners	JSC Rocket and Space Center Progress, etc.

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**Phone** Samara, Russia, 443086

**Fax** +7 (846) 920-00-84,

**Web** +7 (846) 920-00-87,

[ibelokonov@mail.ru](mailto:ibelokonov@mail.ru)



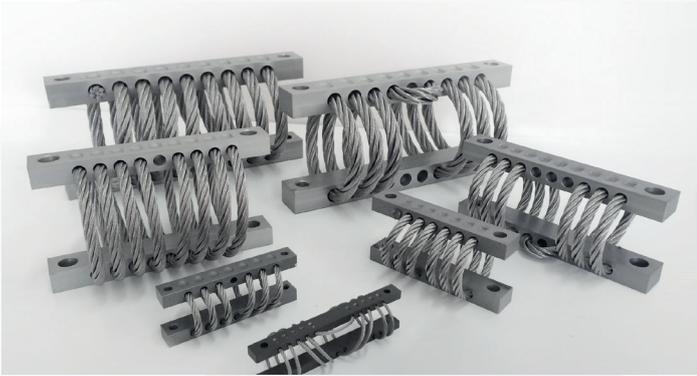
## Astron Ltd



**Астрон**  
Решения без колебаний

**Address** 3 Eroshevskogo st., office 125  
Samara, Russia, 443086  
**Phone** +7 (846) 221-00-88, 221-73-88  
**Mail** [evsigneev@dempfer.ru](mailto:evsigneev@dempfer.ru)  
**Web** [www.dempfer.ru](http://www.dempfer.ru)

Year established	2008
Key people	Evsigneev Andrey
Turnover	€34.6 thousand
Cluster member type	Supplier
Core products	Wire rope isolators
Clients / Partners	<ul style="list-style-type: none"> <li>Manufacturers of electronic equipment and special vehicles</li> <li>Manufacturers of motor boats</li> </ul>



## SMT Ltd

**Address** 7, office 306, Tolstogo st.,  
Samara, Russia, 445004  
**Phone** +7 (8482) 28-87-26  
**Fax** [weldmachine.ucoz.ru](mailto:weldmachine.ucoz.ru)  
**Mail** [smt-tilt@rambler.ru](mailto:smt-tilt@rambler.ru)

Year established	2010
Key people	Smirnov Ivan
Cluster member type	Supplier
Core products	<ul style="list-style-type: none"> <li>Welding machines and technologies</li> <li>equipment for soldering, welding and cutting machines and devices for the surface heat treatment and thermal spraying;</li> <li>Research and development on natural sciences and engineering;</li> <li>Development of production and technological documentation, technological processes of industrial processes and production</li> </ul>
Clients / Partners	<ul style="list-style-type: none"> <li>OJSC Azotremmash (Togliatti)</li> <li>Industry company Vostok Ltd (Samara)</li> </ul>

## Center of High Technologies Ltd

Key people	Popov Andrey
Cluster member type	Supplier
Core products	Cermet coating on the surface of the denture

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Samara, Russia, 443099  
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Mail [info@cik63.ru](mailto:info@cik63.ru)  
Web [www.cik63.ru](http://www.cik63.ru)

## Ligatura Ltd

Key people	Chochlov Juri
Cluster member type	Supplier
Core products	Producing ligatures in manufacturing

## Center of nanosatellite launching services



Year established	2012
Key people	Belokonov Igor
Turnover	> €1 Million
Cluster member type	Supplier
Core products	Modification of the third stage of the Soyuz rocker for nanosatellite launching
Clients / Partners	<ul style="list-style-type: none"> <li>• Skolkovo • JSC Rocket and Space Center Progress</li> <li>• Julius-Maximilians university (Germany)</li> <li>• Innovation Solutions in Space b.v. (Netherlands)</li> </ul>



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Fax +7 (846) 920-00-87,  
Mail [ibelokonov@mail.ru](mailto:ibelokonov@mail.ru)



## Samara State Aerospace University (National Research University)

Year established	1942
Key people	Shakhmatov Evgeniy, Rector
Turnover	€ 54 million
Core products	<ul style="list-style-type: none"><li>• Educational services</li><li>• Research and development in the following areas: space engineering, aeronautics, aerospace engines, dynamics and vibroacoustics, perspective material and technologies, laser and biomedical systems, radioelectronics, micro- and nanoelectronics, information technologies, computer optics and image processing, space geoinformatics and information security, physics, chemistry and gas dynamics</li></ul>
Cluster member type	University
Clients / Partners	<ul style="list-style-type: none"><li>• JSC Rocket and Space Center Progress</li><li>• Kuznetsov</li><li>• Agregat</li><li>• United Aircraft Corporation</li><li>• United engine corporation</li></ul>



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Web [www.ssau.ru](http://www.ssau.ru)





## Samara State Technical University

Year established	1914
Key people	Bykov Dmitriy, Rector
Core products	Educational services, research and development in the following areas: properties of substances and materials, industrial ecology and technological safety, metallurgy, materials science and engineering, quality and reliability in mechanical engineering and transport, optimization of electrical, electromechanical and electro-technological processes and plants, optimization of heat and power systems and power technology management processes; chemical processes and refining; explosive and other special techniques
Cluster member type	University
Clients / Partners	<ul style="list-style-type: none"><li>• Institute of Dennis Gabor (Hungary)</li><li>• University of Stuttgart (Germany)</li><li>• National Engineering School of Saint Etienne (France)</li><li>• Graduate School of Management (Switzerland)</li><li>• University of Padua (Italy)</li><li>• TORNOS S.A. (Switzerland)</li><li>• CEDRAT (FLUX) (France)</li><li>• Weber Comechanics Volga (Japan, Switzerland)</li><li>• Azerbaijan State Oil Academy (Azerbaijan)</li><li>• Almaty University of Energy and Communications (Kazakhstan)</li><li>• RSE Atyrau Institute of Oil and Gas (Kazakhstan)</li></ul>



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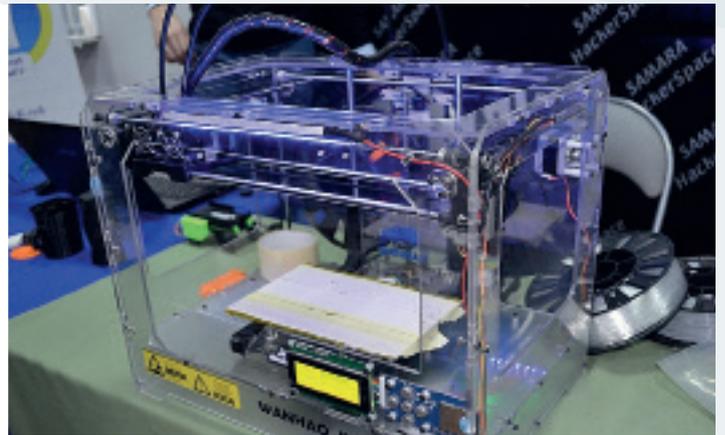
# Samara State University



Year established	1969
Key people	Andronchev Ivan, Rector
Core products	Educational services
Cluster member type	University
Clients / Partners	<ul style="list-style-type: none"><li>• Samara State Aerospace University</li><li>• Moscow State University</li><li>• Samara Branch of Lebedev Physical Institute</li><li>• Research Institute of Atomic Reactors</li><li>• Saint Petersburg State University of Information Technologies</li><li>• Mechanics and Optics</li><li>• JSC Rocket and Space Center Progress</li><li>• Miniature Bearings Factory</li><li>• National Space Technology Platform</li></ul>



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Mail [rector@samsu.ru](mailto:rector@samsu.ru)  
Web [www.ssu.samara.ru](http://www.ssu.samara.ru)





# Togliatti State University

Year established	1951
Key people	Krishtal Michail, Rector
Core products	Educational services
Cluster member type	University
Clients / Partners	<ul style="list-style-type: none"><li>• IOJSC Avtovaz</li><li>• Gazprom Samara</li><li>• KuibyshevAzot</li><li>• Togliattiazot</li><li>• Togliattikauchuk</li><li>• Togliatti transformator</li><li>• Ministry of education and science of Samara region, etc.</li></ul>



Address 14 Belorusskaya st.,  
Togliatti, Russia, 445667,  
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Web [www.ttsu.ru](http://www.ttsu.ru)



## JSC R&D institution Ekran

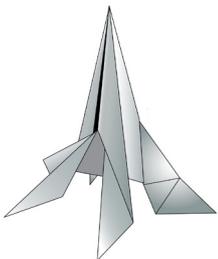


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Fax **+7 (846) 992-62-13**  
Mail **mail@niiekran.ru**  
Web **www.niiekran.ru**



Year established	1949
Key people	Butuzov Vladimir, CEO
Turnover	€ 22.2 million
Core products	<ul style="list-style-type: none"> <li>• Anti-aircraft electronic and opto-electronic protection of military and civil aviation</li> <li>• Airborne defence (GER) «President-S»</li> </ul>
Cluster member type	R&D institution
Clients / Partners	<ul style="list-style-type: none"> <li>• State Corporation «Russian Technologies»</li> <li>• Radio-electronic technology Trust</li> </ul>

## Cluster Engineering Center of Samara Region (CEC SR)



Address **Samara, Russia, 443001**  
Phone **+7 927 653-89-91**  
Mail **cecsr@yandex.ru**  
Web **www.cecsr.ru**

Year established	2014
Key people	Kornilov Sergei
Turnover	€2.5 million
Cluster member type	Supplier
Core products	Earth remote sensing services, development and implementation of innovative technologies on CNC, multifactor processes modeling, partnership in development of control systems
Clients / Partners	Samara State Aerospace University (National research university), Space and Rocket Center «Progress» (JSC), Kuznetsov (JSC, engines manufacture)

## Volga Department of the Russian Engineering Academy

Year established	1990
Key people	Krainov Andrey, Executive director
Core products	Engineering services, applied research
Cluster member type	R&D institution
Clients / Partners	<ul style="list-style-type: none"> <li>• Russian Railways • AvtoVAZ • Gazprom Transgaz Samara • Gazprom • Aviaagregat</li> <li>• JSC Rocket and Space Center Progress • Kuibyshevazot • Megaplast • Fraunhofer Gesellschaft</li> <li>• Samara State University of Economics • Samara State Aerospace University • Samara State Medical University • Samara State Technical University • Togliatti State Technical University</li> <li>• Deutsche Bahn AG • Robert Bosch Saratov • SAP AG • Siemens Automotive AG • TUV Rheinland</li> </ul>

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Samara, Russia, 443001**

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Fax **+7 (846) 337-49-48**

Mail **office@poria.ru**

Web **www.poria.ru**



## Samara Branch of Radio Research and Development Institute

Year established	1955
Key people	Spodobayev Mikhail
Turnover	€ 69 million
Core products	<ul style="list-style-type: none"> <li>• Radio technology and electronics • Electro dynamics of emitting systems • Construction and commissioning projects</li> </ul>
Cluster member type	R&D institution
Clients / Partners	<ul style="list-style-type: none"> <li>• Government and educational institutions</li> <li>• Sumavision Technologies Co., Ltd</li> <li>• Ericsson Television Limited • NOKIA</li> </ul>



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Mail **info@soniir.ru**

Web **www.soniir.ru**



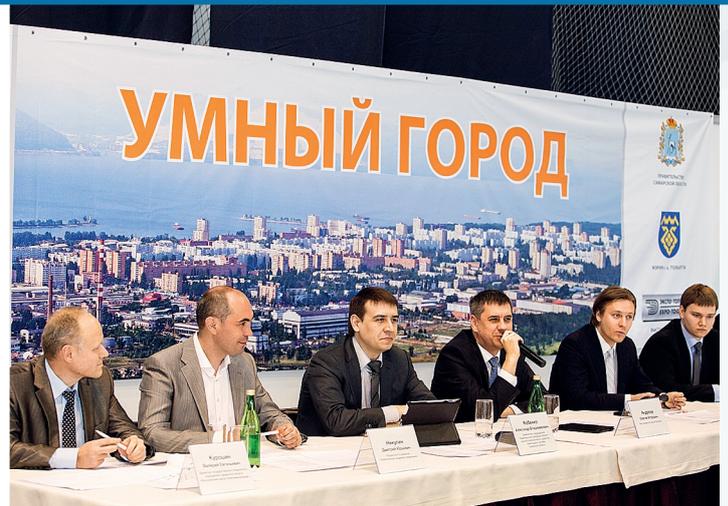
# Ministry of Economic Development, Investment and Trade of Samara Region

The Ministry formulates, implements and oversees social and economic policies, develops strategic planning and performs economic analysis on a regional level



**МЭРИТ**

Министерство экономического развития,  
инвестиций и торговли Самарской области



## KEY PEOPLE:

Kobenko Alexander – Minister

## THE MINISTRY'S KEY OBJECTIVES:

Address **210 Molodogvardeyskaya st.,  
Samara, Russia, 443006,**

Phone **+7 (846) 332-27-44**

Fax **+7 (846) 332-22-33**

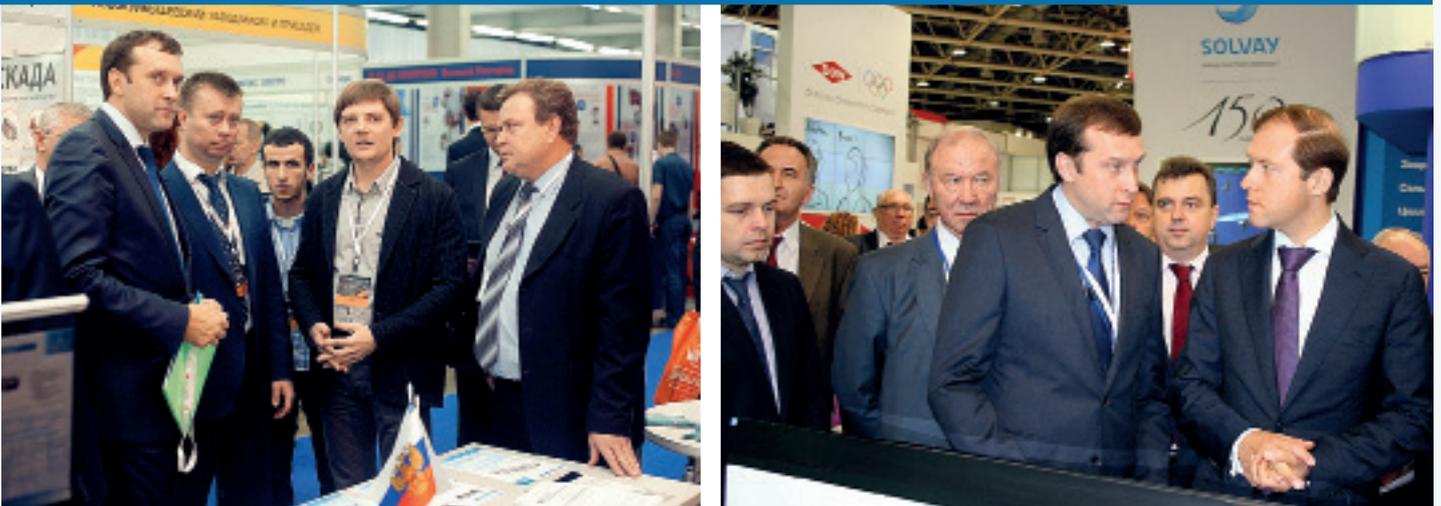
Mail **minister@economy.samregion.ru**

Web **www.economy.samregion.ru**  
**www.investinsamara.ru**

- provision of comprehensive, balanced and dynamic socio-economic development of the Samara region and its territories;
- development of innovative and investment activities, attraction of investment;
- implementation of public-private partnerships;
- development of cluster initiatives and implementation of cluster policy;
- development of small and medium-sized businesses in the territory of the Samara Region;
- development of foreign economic relations of the Samara region, and interregional relations of the Samara region with the Russian Federation regions and others.

# Ministry of Industry and Technology of Samara Region

The Ministry is responsible for facilitating and overseeing the regional government's economic development programmes and strategies, industrial policies and procedures



## KEY PEOPLE:

Bezrukov Sergey – Minister

## THE MINISTRY'S KEY OBJECTIVES:

- implementation and coordination of regional industrial policy;
- creation and implementation of state mechanisms to support industrial activity in the territory of the Samara region;
- Arrangement of conditions for the development, deployment and use of innovations in the industry, the implementation of import-substitution and resource-saving technologies;
- Identification of priority directions for scientific, technical and innovation development of regional industries and others.

Address [20 Sklyarenko st.,  
Samara, Russia, 443068](#)  
Phone [+7 \(846\) 263-41-35](#)  
Fax [+7 \(846\) 263-41-40](#)  
Mail [minprom@samregion.ru](mailto:minprom@samregion.ru)  
Web [www.minprom.samregion.ru](http://www.minprom.samregion.ru)



## Samara city



Key people	Fursov Oleg, mayor
Core products	<ul style="list-style-type: none"><li>• Executive body of the city</li><li>• Local and separate state issues</li></ul>
Cluster member type	Government



Address [137 Kuibishev st.,  
Samara Russia, 443010](#)

Phone [+7 \(846\) 332-20-68](#)

Mail [minprom@samregion.ru](mailto:minprom@samregion.ru)

Web [www.samadm.ru](http://www.samadm.ru)

## Management Consulting Ltd

Year established	2004
Key people	Kraynov Andrey, CEO
Turnover	€ 828 thousand
Core products	<ul style="list-style-type: none"> <li>• Management • Strategy development</li> <li>• Operational improvement services • Process analytics</li> <li>• R&amp;D in natural and applied science</li> </ul>
Cluster member type	Consulting
Clients / Partners	<ul style="list-style-type: none"> <li>• Businesses, government and educational institutions</li> <li>• Gazprom Transgaz Samara • Russian Railways</li> <li>• IPO.Plan GmbH • TUV Rheinland • We-plan</li> <li>• Rail Safety &amp; Standards Board</li> </ul>

**Адрес** 19 Volzhskiy prospect,  
 Samara, Russia, 443001  
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**Fax** +7 (846) 242-32-13  
**Mail** avkrainov@inbox.ru

### МВ-ЕДИНЕНТ КОНСАЛТИНГ

## Gorodissky and Partners Ltd

Year established	1997
Key people	Medvedev Valeriy, Managing Partner
Turnover	€ 50 million
Core products	<ul style="list-style-type: none"> <li>• Legal services in areas of high-tech patenting</li> <li>• Trademark and intellectual property</li> <li>• Technology licensing in Russia and abroad</li> </ul>
Cluster member type	Consulting
Clients / Partners	<ul style="list-style-type: none"> <li>• Aeroflot • Sukhoy • Rosatom • Russian Railways</li> <li>• Rosneft • Sberbank • ABB (Switzerland) • Airbus (France)</li> <li>• Akzo Nobel N.V. (Holland) • Amstel Brouwerij (Holland)</li> <li>• Bagi Professional Products (Israel) • Bentley Motors (UK)</li> <li>• BP Amoco (Great Britain) • British Petroleum (UK).</li> </ul>

**Address** 25 Bolshaya Spasskaya st.,  
 Moscow, Russia, 129090  
**Phone** +7 (495) 937-61-16  
**Fax** +7 (495) 937-61-04  
**Mail** pat@gorodyssky.ru  
**Web** www.gorodissky.ru

#### Samara branch:

**Address** 11 Osipenko st.,  
 Samara, Russia, 443096  
**Phone** +7 (846) 270-26-12/14  
**Fax** +7 (846) 270-26-13  
**Mail** samara@gorodissky.ru  
**Web** www.gorodissky.ru



## Volga Region Engineering Academy



Address **3A Studencheskij pereulok,  
Samara, Russia, 443001**

Phone/fax **+7 (846) 242-04-39**

Mail **office@poria.ru**

Web **www.poria.ru**

Year established	2010
Key people	Mikheev Yuriy
Turnover	€ 238.5 thousand
Core products	<ul style="list-style-type: none"><li>• Management</li><li>• Strategy development</li><li>• Operational improvement services</li><li>• Process analytics</li></ul>
Cluster member type	Consulting
Clients / Partners	<ul style="list-style-type: none"><li>• Businesses</li><li>• Government and educational institutions</li><li>• Gazprom Transgaz Samara</li><li>• Russian Railways</li><li>• Rail Management Consulting (RMCon)</li><li>• Fraunhofer IPK</li><li>• Siemens PLM</li></ul>

## NP Regional center for innovation



Address **151, Molodogvardeiskaya st,  
Samara, 443001, Russia**

Phone **+7 (846) 332-57-82**

Mail **info@startupsamara.ru**

Web **www.startupsamara.ru**

Year established	2013
Key people	Klukach Aleksandr, Bogdanov Sergei, executive director
Core products	<ul style="list-style-type: none"><li>• Regional institute of development of innovative activity</li><li>• commercialization of intellectual property</li></ul>
Cluster member type	Consulting
Clients / Partners	<ul style="list-style-type: none"><li>• SSAU</li><li>• RVC</li><li>• SSTU</li><li>• TSU</li></ul>

## CJST Scientific and technical center «Adept»

Year established	1995
Key people	Ivanova Alla, CEO
Core products	Design and implementation of effective operation systems
Cluster member type	Training and educational institution



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 Samara, Russia, 443029  
**Phone** +7 (846) 994-23-06  
**Mail** [ntc.adept@gmail.com](mailto:ntc.adept@gmail.com)  
[Helen\\_matveeva@mail.ru](mailto:Helen_matveeva@mail.ru)  
[asi38@mail.ru](mailto:asi38@mail.ru)

## Volga Department of the Russian Engineering Academy, Educational Centre

Year established	2009
Key people	Mikheev Yuriy, Director
Turnover	€ 500 thousand
Core products	<ul style="list-style-type: none"> <li>• Management • Strategy development</li> <li>• Operational improvement services</li> <li>• Professional education</li> </ul>
Cluster member type	Training and educational institution
Clients / Partners	<ul style="list-style-type: none"> <li>• Businesses, government and educational institutions</li> <li>• Gazpros transgas Samara • Russian Railways • ISL (Germany)</li> <li>• AirBussines Academy (France) • Deutsche Bahn AG (Germany)</li> <li>• Fraunhofer Gesellschaft zur Forderung der angewandten Forschung e.V. • IPO.Plan GmbH (Germany) • We-plan (Germany)</li> <li>• TÜV Rheinland (Germany) • Rail Safety &amp; Standards Board</li> <li>• Wining Moves (UK)</li> </ul>

**Address** 3a Studencheskiy pereulok,  
 Samara, Russia, 443001  
**Phone** +7 (846) 242-04-39  
**Fax** +7 (846) 337-49-48  
**Mail** [office@poria.ru](mailto:office@poria.ru)  
**Web** [www.poria.ru](http://www.poria.ru)



## Regional Association of Employers «Employers' Union of Samara region»



Address **19 Volzhskiy prospect, office 39,  
 Samara, Russia, 443071**  
 Phone **+7 (846) 332-11-64,**  
 Fax **+7 (846) 333-50-87,**  
 Mail **srs063@yandex.ru**  
 Web **www.srs0.ru**

Year established	1996
Key people	Kirilin Aleksandr, President Bratchikov Vladimir, CEO
Cluster member type	Other
Clients / Partners	Industrial enterprises of Samara region

## The Chamber of Commerce and Industry of Samara Region



Address **6 Aleksey Tolstogo st.,  
 Samara, Russia, 443099**  
 Phone **+7 (846) 332-11-59**  
 Web **www.tppsamara.ru**

Year established	1918
Key people	Fomitchev Valeriy, President
Cluster member type	Other
Clients / Partners	• Aviakor-Aviation Plant • Alkom SMZ • Gazprom transgas Samara • JSC Rocket and Space Center Progress • Airfield Equipment Plant • EPK Samara • Kuznetsov • Salyut • Tyajmash



## Centre for Innovation Development and Cluster Initiatives

Year established	2010	 <p>Центр инновационного развития и кластерных инициатив <b>CIUK</b></p>
Key people	Jidkov Denis, director	
Turnover	€ 22.2 million	
Core products	<ul style="list-style-type: none"> <li>• Development and implementation of innovative cluster initiatives</li> <li>• Training services • Business strategies development</li> <li>• Financial consulting.</li> </ul>	
Cluster member type	Network coordinator	
Clients / Partners	<ul style="list-style-type: none"> <li>• Small and medium size businesses • TsKB Progress • Kuznetsov</li> <li>• Skywinn Wallonia • Pole Pegase • Samara State Aerospace University</li> </ul>	
		<p><b>Address</b> 65 Ventseka st., Samara, Russia, 443099</p> <p><b>Phone</b> +7 (846) 277-89-62</p> <p><b>Mail</b> <a href="mailto:info@cik63.ru">info@cik63.ru</a></p> <p><b>Web</b> <a href="http://www.cik63.ru">www.cik63.ru</a></p>



## NP Samara Regional Center for technical re-equipment industry

Key people	Sharkunov Sergei	<p><b>Address</b> 30 a, Utevsкая st., Samara, Russia, 443101</p> <p><b>Phone</b> +7 (846) 223-52-02, 223-16-00, +7 927 718-00-90</p> <p><b>Fax</b> +7 (846) 223-53-07</p> <p><b>Mail</b> <a href="mailto:samara@ctpp.ru">samara@ctpp.ru</a> <a href="mailto:shar@ctpp.ru">shar@ctpp.ru</a></p>
	To assist in: • Development and implementation of advanced technological solutions in metal working • Delivering the most advanced domestic and foreign machine tools • Providing all kinds of services supplied equipment • Repair and modernization of machine tools and other processing equipment	
Cluster member type	Other	
Clients / Partners	Industrial enterprises of Samara region	



## ITAC SR on ILA Berlin Air Show 2014

ILA Berlin Air Show is the largest exhibition for the aerospace and defence industries in Europe. As part of ILA Business Days, Russian Economic and Commerce Bureau (RECB) of Embassy of Russia in Germany along with ITAC SR and Eurasian Partnership of Aerospace Clusters hold the First Eurasian Aerospace Conference. The Conference was a preview to the Eurasian Aerospace Congress and featured more than 80 delegates from 10 countries.



## Cooperation with German Clusters

Meeting with German Clusters has become the first major business event of ITAC SR. During the meeting, both sides reached an agreement on the main areas of cooperation and strategic development of Eurasian Aerospace Congress.



## Cooperation with Spanish Clusters

In January 2014, ITAC SR visited Spanish aerospace clusters: Madrid Cluster Aeroespacial, HELICE, AERA. Spanish clusters bring together world-class manufacturers and research centres, such as: Airbus, EADS CASA, EADS Astrium Crisa, ITP, CESA, Grupo TAM, Airbus Military; Airbus Operations and others.



## ITAC SR on Aero Space Days

In 2014, ITAC took part of the Aero Space Days, which is an important event aiming to facilitate business partnerships between major players in aerospace industry through B2B networking. With about 50 countries participating in the Aero Space Days, more than 15,000 B2B meetings are held annually. Samara region aerospace cluster was represented by its managing entity, Centre for Innovation Development and Cluster Initiatives, OJSC Aviacor-Aviation Plant and OJSC Salyut.





# First Eurasian Aerospace Conference

The conference was held on the May 19th, 2014 in Russia Economic and Commerce Bureau (RECB) of Embassy of Russia in Germany. It was organised by RECB, Government of Samara Region, Eurasian Partnership of Aerospace Clusters, Association of Innovative Regions of Russia and Vneshviakosmos. More than 80 high profile delegates from Europe and Russia took part in the conference. In particular, presentations were given by:

1. Komarov I., CEO, United Rocket and Space Corporation
2. Testoedov N., CEO, Information Satellite Systems
3. S. Berndes, Head of Air Transport, Equipment and Materials Department, German Aerospace Industries Association
4. Chernyshev S., CEO, Central Aerohydrodynamic Institute
5. Kargopol'tsev V., Head of Research and Development Department, United Aircraft Corporation
6. Tyulevin S., Assistant Director, Rocket and Space Center Progress
7. Kononov S., Director of New Technologies Development, Metallurgical plant "Electrostal"
8. Rodin, D., Director of Aviation Business, Russian Machines
9. Nikon, D., Assistant Director of Economic Department, Yuzhmash
10. Correa C., Commercial Director, GMAD
11. Ok F., Member of the Board of Directors, Airbus Group.



# Russian-German Cluster Initiative

14.05.2013

As part of the Economic Congress "Russia-Germany 2013", an initiative on the organising the Eurasian Aerospace Congress was proposed. The Government of Samara region along with Association of Innovative Regions of Russia and Eurasian Partnership of Aerospace Clusters prepared the congress program and developed a plan to promote the initiative among key aerospace industry players. As the result, the congress initiative had been supported by the OJSC United Rocket and Space Corporation, OJSC United Aircraft Corporation, OJSC Rostec Corporation, Ministry of Industry and Trade, as well as prominent European and Russian aerospace clusters.

At the same time, National Aerospace Cluster Partnership was formed during the International Aviation and Space Salon (MAKS 2013). As part of the network development plan, Russian aerospace clusters visited their foreign counterparts in China (2013), Germany (2013), Spain (2014) and Belgium (2014).

19.05.2014

As a pre-congress event, during the ILA Berlin Air Show, the Government of Samara region in conjunction with Eurasian Partnership of Aerospace Clusters and Russian Trade Representative in Germany hosted the First Eurasian Aerospace Conference. The conference brought together over 80 delegates from Russia, Europe and Commonwealth of Independent States countries.

The list of participants: United Rocket and Space Corporation, Association of Aerospace Industry of Germany, State Space Agency of Ukraine, Airbus, Astrium, GIFAS, United Aircraft Corporation, Central Aerohydrodynamic Institute, Information Satellite Systems, NPO S.A. Lavochkina, Experimental Design Bureau "Fakel", Metallurgical plant "Electrostal", RSC Progress, Corporation "Russian Machines", Samara State Aerospace University, European Partnership of Aerospace Clusters, Eurasian Partnership of Aerospace Clusters, Vneshaviakosmos, Starsem.

## CONGRESS AGENDA

The primary congress theme was «Strategic changes in aviation and space industries: new management challenges and prospects».

The congress participants discussed questions related to commercial space exploration, new materials for aviation and aerospace equipment, best practices in aerospace management, financing and insurance issues, financial structure of aerospace partnerships. A special attention was made to the development of a Eurasian aerospace contact centre that would work on a permanent basis.

## OPERATIONAL AND METHODOLOGICAL SUPPORT

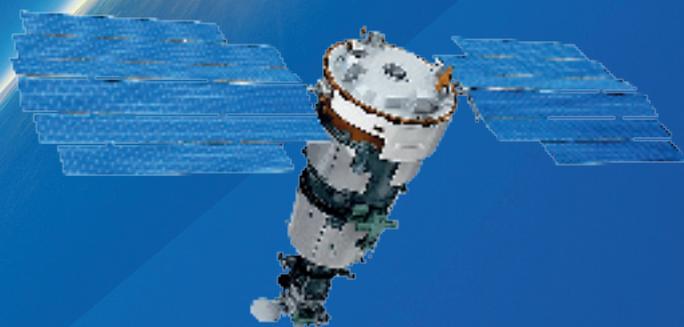
The methodological support is provided by the Research Board. The Board is an advisory body comprising a group of prominent and dedicated experts with a vast experience in designing and manufacturing of aerospace products and managing aviation and space enterprises. The Board Chair is Yuriy Nikolaevitch Koptev (PhD in Engineering), former head of Russian Federal Space Agency (1992-2004) and Honoured Worker of rocket and space industry of Russia.

The Congress Steering Committee is composed of members of Russian and European aerospace clusters, European and Eurasian Partnership of Aerospace Clusters. The chair of the Steering Committee is Aleksey Semenovitch Lavrov (the chairman of Eurasian Partnership of Aerospace Clusters).

## CONTACTS

**Eurasian Partnership of Aerospace Clusters, CJSC Vneshaviakosmos:**  
Zakharova Oksana, e-mail: [forum@vneshaviakosmos.com](mailto:forum@vneshaviakosmos.com)

**Government of Samara Region, Samara Region Innovative Aerospace Cluster:** Kornilov Sergei, e-mail: [cecsr@yandex.ru](mailto:cecsr@yandex.ru)



**AEROSPACE CLUSTER**  
OF SAMARA REGION

6	Samara region on the map of Russia		
8	Localization and cluster members	52	
12	Samara region Innovative Territorial Aerospace Cluster as part of the aviation and space cluster group of Russia	54	
14	National Aerospace Cluster Partnership	56	
16	Samara region Innovative Territorial Aerospace Cluster Market structure	58	
19	Core cluster products		
20	Engineering centre of Samara region Innovative Territorial Aerospace Cluster	60	
21	Launch Vehicles manufacturing sub-cluster	61	
22	Engine manufacturing sub-cluster		
23	Aircraft manufacturing sub-cluster		
25	Labors and Centers of the Cluster		
27	Multi-level system of hyperspectral analysis of Earth remote sensing		
	<b>Industry companies of the Cluster</b>		
28	OJSC Aviakor - Aviation Plant		
30	OJSC Kuznetsov		
32	JSC Rocket and Space Center Progress		
34	OJSC Metallist-Samara	65	
36	OJSC EPK Samara		
37	OJSC Salyut	66	
38	OJSC Aviaagregat		
40	Specialized technological design center «Plastic» Ltd		
41	Samara ZIM-instrument Ltd		
	OJSC Agregat	67	
42	Miniature Bearings Factory		
	<b>Small and medium enterprises</b>		
43	SEC Smart Solutions		
44	Eco Energy Ltd	68	
	Aerodrome composites Ltd		
45	CS Technology Ltd		
	Akvil Ltd		
46	NPO Aerovolga Ltd	69	
	NPO TES		
47	Open Code Ltd		
	NPO Storm Ltd		
48	NPO Rosinmash Ltd		
	Molstudio Ltd	70	
49	Urartu Systems Ltd	71	
	JSC «Samara Space Technology Research Center»		
50	Astron Ltd		
	SMT Ltd	72	
51	Center of High Technologies Ltd	73	
	Ligatura Ltd		
	Center of nanosatellite launching services		
	<b>Universities</b>		
	Samara State Aerospace University (National Research University)		
	Samara State Technical University		
	Samara State University		
	Togliatti State University		
	<b>R&amp;D institution</b>		
	JSC R&D institution Ekran		
	Cluster Engineering Center of Samara Region (CEC SR)		
	Volga Department of the Russian Engineering Academy		
	Samara Branch of Radio Research and Development Institute		
	<b>Government</b>		
	Ministry of Economic Development, Investment and Trade of Samara Region	62	
	Ministry of Industry and Technology of Samara Region	63	
	Samara city	64	
	<b>Consulting companies</b>		
	Management Consulting Ltd	65	
	Gorodissky and Partners Ltd		
	Volga Region Engineering Academy	66	
	NP Regional center for innovation		
	<b>Training and education providers</b>		
	CJST Scientific and technical center «Adept»	67	
	Volga Department of the Russian Engineering Academy, Educational Centre		
	<b>Other</b>		
	Regional Association of Employers «Employers' Union of Samara region»	68	
	The Chamber of Commerce and Industry of Samara Region		
	Centre for Innovation Development and Cluster Initiatives	69	
	NP Samara Regional Center for technical re-equipment industry		
	ITAC SR on ILA Berlin Air Show 2014	70	
	Copperation with German Clusters	71	
	Copperation with Spanish Clusters		
	ITAC SR on Aero Space Days		
	First Eurasian Aerospace Conference	72	
	Russian-German Cluster Initiative	73	



INNOVATIVE TERRITORIAL AEROSPACE CLUSTER  
OF SAMARA REGION (ITAC SR)