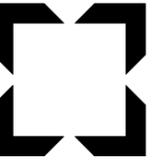


**Rostec**

**ROSTEC  
CORPORATION**

*Partner in the future*



*Rostec Corporation was established in 2007 by a special federal law, one of the largest Russian industrial companies and a major contributor to the stability of Russia's economy.*

**700**

*Today Rostec incorporates about 700 organizations in 60 constituent territories of the Russian Federation*

**15**

*Holding companies, in most industries Russian industry*

**21**

*Organizations are the centerpiece of local economy*

**450**

THOUSAND

*Rostec employs approximately 500,000 people*

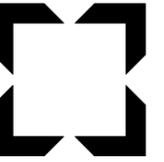
**7**

THOUSAND KM (4,359 MI)

*The distance between the westernmost and the easternmost of the Corporation's subsidiaries is 7,000 km (4,359 mi)*

Rostec Corporation was established in 2007 by a special federal law. Rostec is the leader in Russian civil and military technology sectors, one of the largest Russian industrial companies and a major contributor to the stability of Russia's economy. Today Rostec incorporates about 700 organizations in 60 constituent territories of the Russian Federation. 21 organizations are the centerpiece of local economy. The distance between the

westernmost and the easternmost of the Corporation's subsidiaries is 7,000 km (4,359 mi). Rostec employs approximately 500,000 people. Corporation has unique technologies in civil and military sectors and includes leading research institutes of Russia. Rostec enables Russia to have the strong position in the world's arms market. In 2015, Russia ranked second by revenue generated from arms export sales.



## STRATEGIC OBJECTIVES

*Rostec main goals are to facilitate development, manufacturing and export of high-tech industrial products by supporting Russian companies on domestic and foreign markets and attract investments into various industry sectors, including military-industrial complex.*

- gain leading position in high-tech engineering products markets*
- increase its organization's business value and capitalization*
- manufacture high quality military equipment superior to its foreign analogues*
- maintain and advance Russia's positions on the international arms and military equipment market*

## MISSION

- facilitate the fulfillment of state policy of Russian economy innovative development*
- develop high standards industrial technologies and create high-tech product*

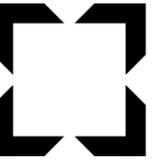


THE CORPORATION CURRENTLY INCLUDES 15 CORPORATE GROUPS:

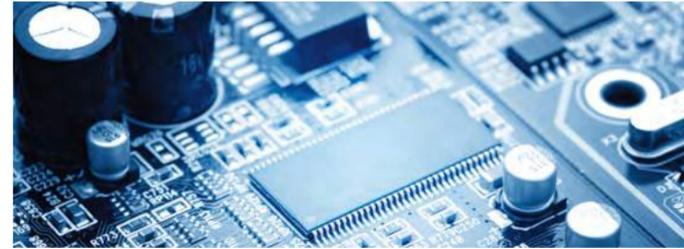
**9** in the defence-industrial complex      **6** in civil industries

**FIELDS OF ACTIVITY:**

- helicopters manufacturing
- aviation equipment, avionics and aviation engines
- arms, military and special equipment (ammunition, high-precision weapons, battlefield and tactical missile complexes, special arms complexes, radio-electronic combat equipment, state identification systems)
- radio-electronic equipment and electronic components
- optical and optical-electronic devices
- IT and telecom
- medical equipment
- composite materials
- biotechnologies
- automotive and engineering machinery construction



**AIRCRAFT**



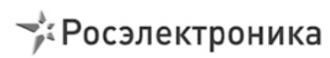
**ICT, ELECTRONICS, OPTICS**



**ARMAMENT**



**CAR MANUFACTURING**



8,7

3,5

3,4

1,7

REVENUE, 2015 (billion \$)



Sergey **CHEMEZOV**  
CEO



Oleg **EVTUSHENKO**  
COO



Vladimir **ARTYAKOV**  
FIRST DEPUTY CEO



Dmitry **SHUGAEV**  
Deputy CEO



Nikolay **VOLOBUEV**  
Deputy CEO



Dmitry **LELIKOV**  
Deputy CEO



Igor **ZAVYALOV**  
Deputy CEO



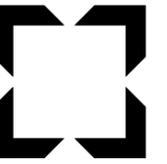
Sergey **KULIKOV**  
Industrial leader; ICT,  
Electronics, Optics



Sergey **ABRAMOV**  
Industrial leader; Armament



Anatoliy **SERDYUKOV**  
Industrial leader; Aviation



**18,7** *USD billion*  
Consolidated revenue

**1,62** *USD billion*  
Consolidated net income

**5,0** *USD billion*  
Export revenues

**2,1** *USD billion*  
Total investments

**672** *USD*  
Average monthly wages

**42 062** *USD*  
Employee output

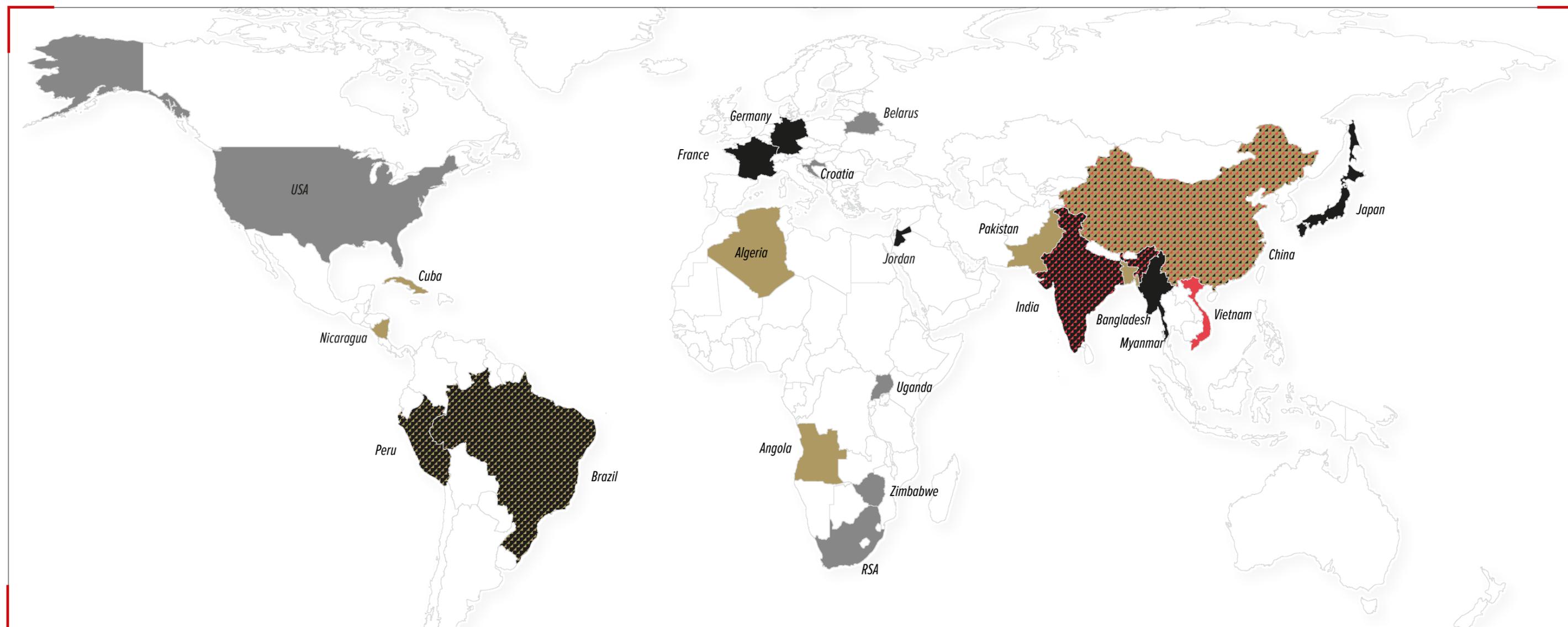
**1,81** *USD billion*  
Exports of innovative products

**EXPORT AND INTERNATIONAL REPRESENTATIVES OFFICES**

**70** *The Corporation exports its products to 70 countries*

**53** *Rostec has permanent representatives in 53 countries*

- Military-technical cooperation
- Export (goods, works, services)
- Joint production
- Other cooperation





**Honeywell**



**SIEMENS**

**THALES**



**RENAULT**



**IVECO**



**Technip**

**ALSTOM**

**DAIMLER**



**PIRELLI**



**ODEBRECHT**



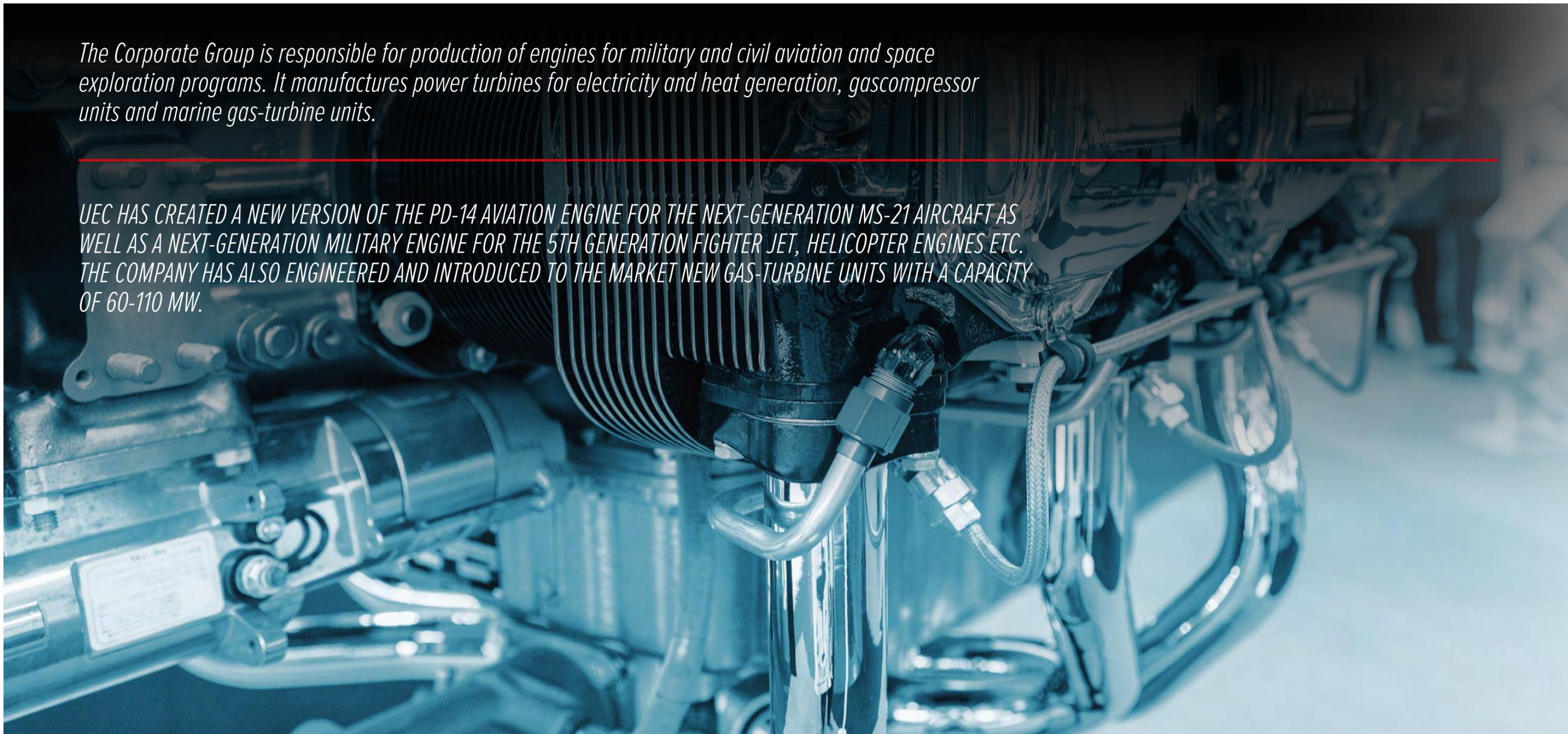
中国航天





*The Corporate Group is responsible for production of engines for military and civil aviation and space exploration programs. It manufactures power turbines for electricity and heat generation, gas compressor units and marine gas-turbine units.*

*UEC HAS CREATED A NEW VERSION OF THE PD-14 AVIATION ENGINE FOR THE NEXT-GENERATION MS-21 AIRCRAFT AS WELL AS A NEXT-GENERATION MILITARY ENGINE FOR THE 5TH GENERATION FIGHTER JET, HELICOPTER ENGINES ETC. THE COMPANY HAS ALSO ENGINEERED AND INTRODUCED TO THE MARKET NEW GAS-TURBINE UNITS WITH A CAPACITY OF 60-110 MW.*





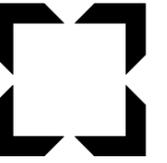
*Rostec created the Russian Helicopters which stands on the first place in the world for sales volume of fighting shock helicopters left behind Sikorsky, Bell and Eurocopter.*

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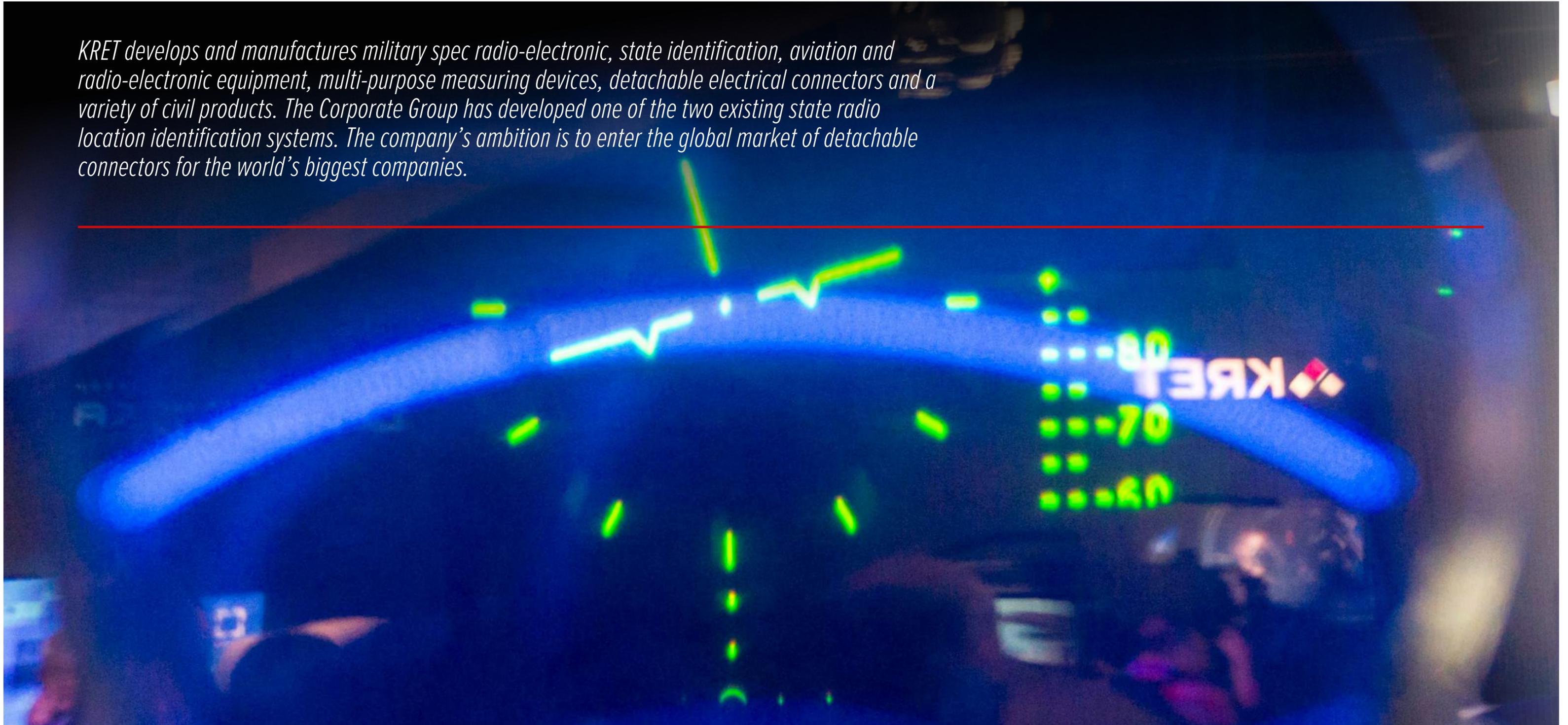
- Over 8,500 Russian helicopters are used in over 100 countries of the world*
- Russian Helicopters boasts a 85% share of the national and 14% of international markets*
- Firm orders portfolio totals 396,1 billion rub helicopters (808 helicopters)*

*IN 2011 RUSSIAN HELICOPTERS AND THE ITALIAN COMPANY AGUSTAWESTLAND AGREED TO ESTABLISH HELIVERT JOINT COMPANY IN ORDER TO START PRODUCTION IN RUSSIA OF THE AW139 TWIN-ENGINE MULTIPURPOSE HELICOPTER. THE PRODUCTION PLANT IS LOCATED IN TOMILINO, MOSCOW REGION.*





*KRET develops and manufactures military spec radio-electronic, state identification, aviation and radio-electronic equipment, multi-purpose measuring devices, detachable electrical connectors and a variety of civil products. The Corporate Group has developed one of the two existing state radio location identification systems. The company's ambition is to enter the global market of detachable connectors for the world's biggest companies.*

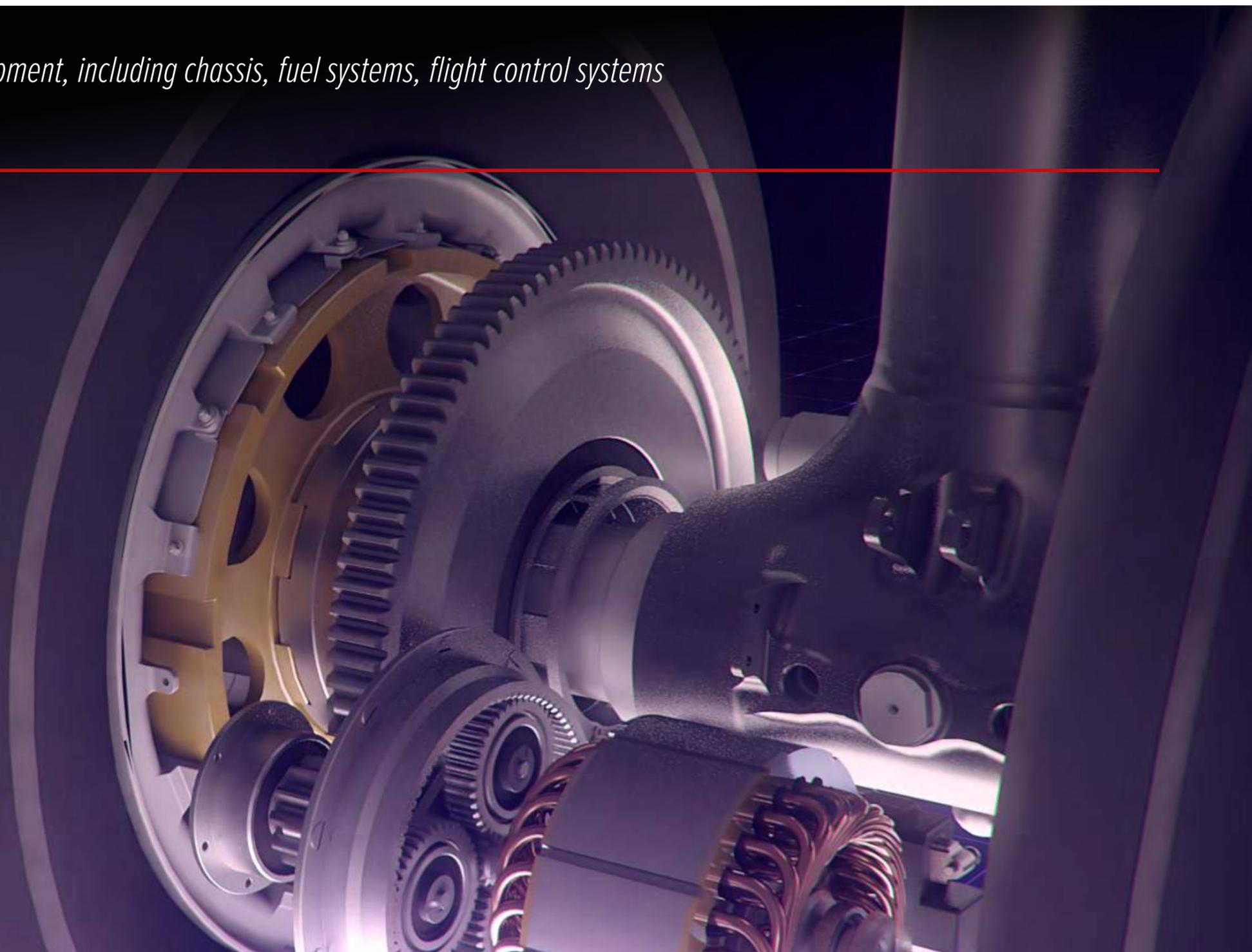


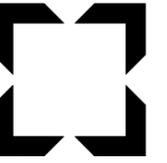


*Leading Russian developer and manufacturer of aircraft equipment, including chassis, fuel systems, flight control systems and auxiliary power units.*

*SPECIALIZES IN DEVELOPMENT AND PRODUCTION OF:*

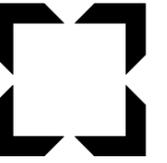
- engine control systems and units*
- life support systems, rescue and emergency systems*
- control systems and execution units*
- hydraulic systems and fuel systems*
- power supply systems and switchgear*
- auxiliary power units*
- runway equipment*





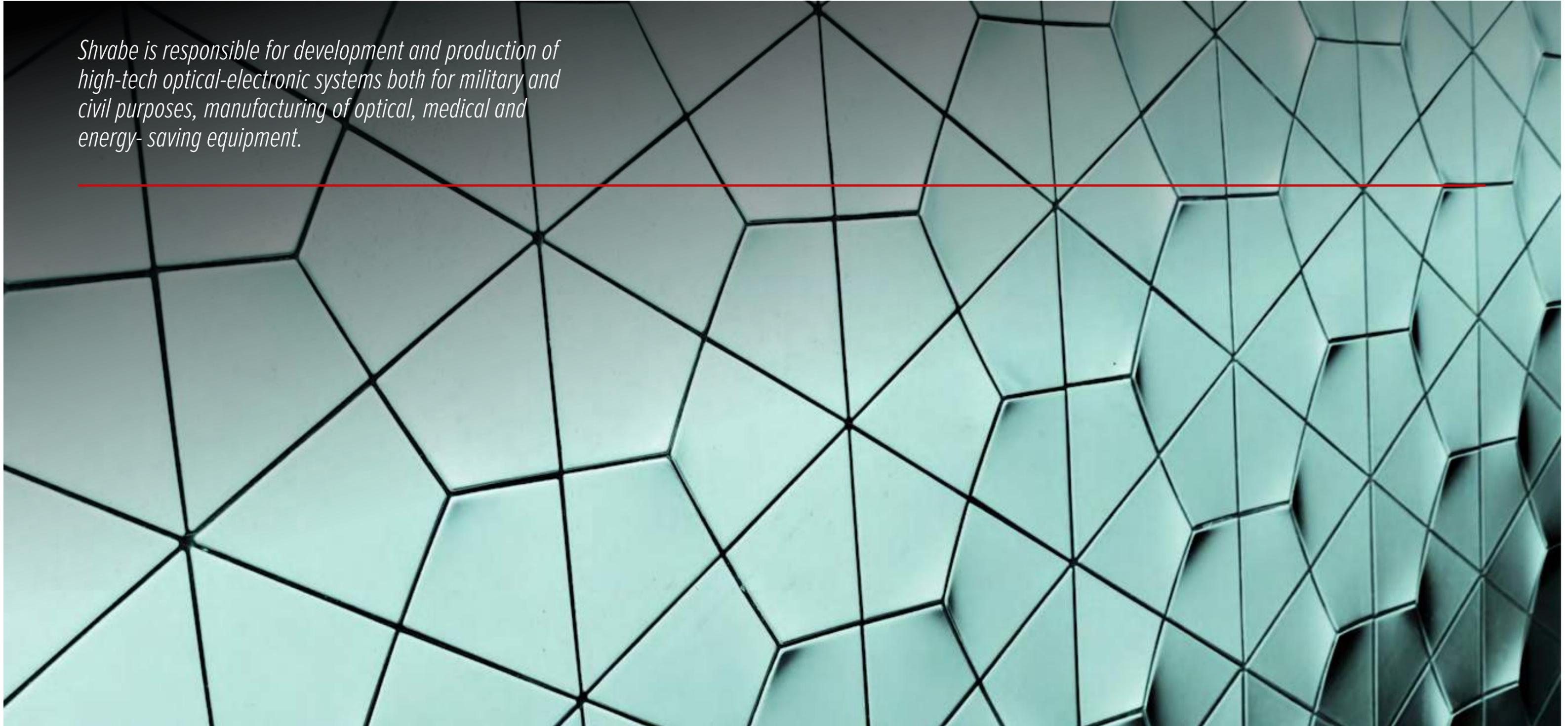
*Ruselectronics has consolidated electronic industry companies specializing in development and production of electronic components, electronic devices and equipment, microwave equipment and semi-conductor devices.*

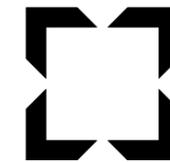




*Shvabe is responsible for development and production of high-tech optical-electronic systems both for military and civil purposes, manufacturing of optical, medical and energy-saving equipment.*

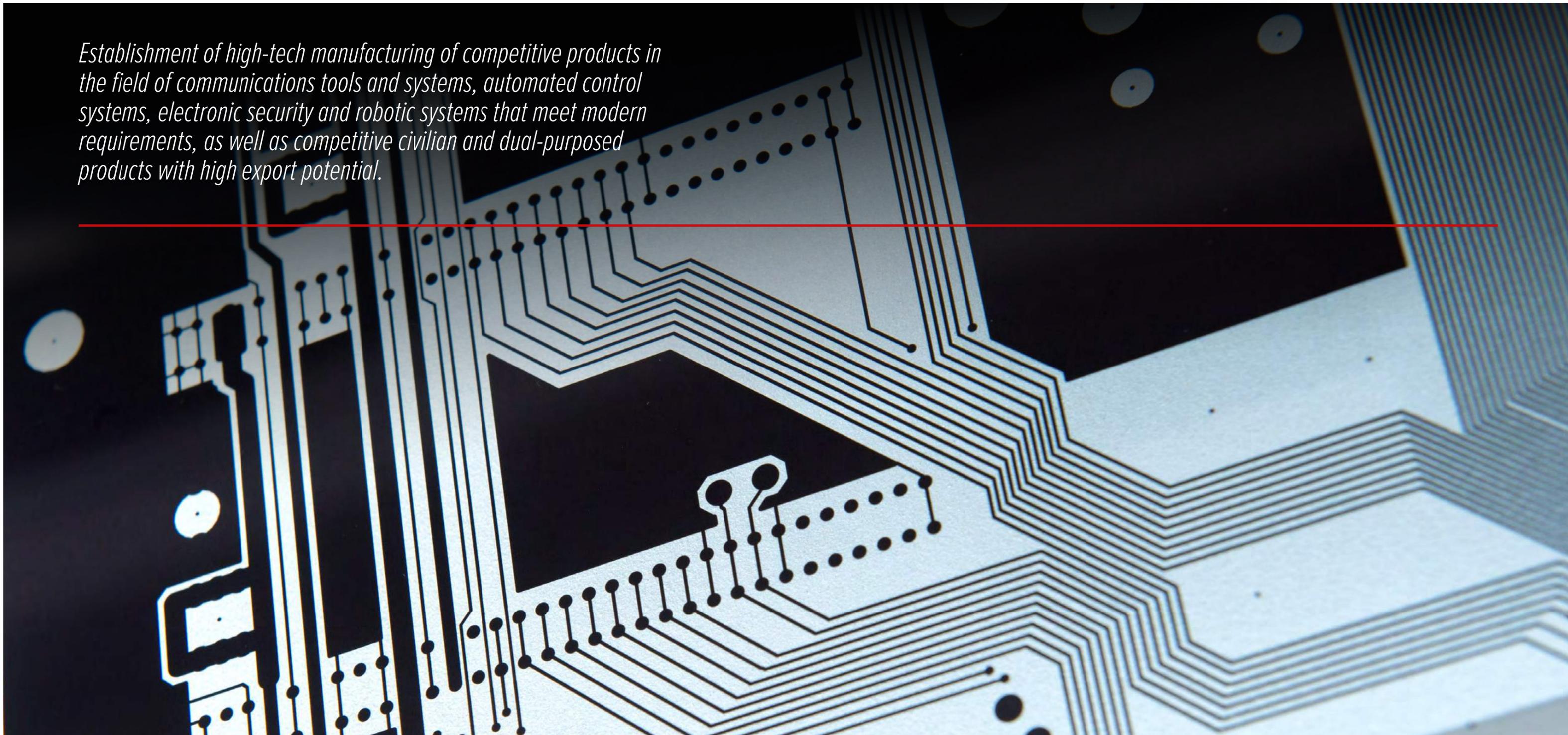
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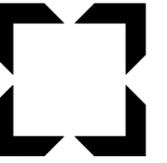




*Establishment of high-tech manufacturing of competitive products in the field of communications tools and systems, automated control systems, electronic security and robotic systems that meet modern requirements, as well as competitive civilian and dual-purposed products with high export potential.*

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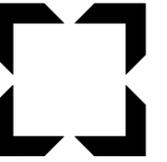




*Kalashnikov is Russia's largest manufacturer of combat weapons, guided rockets and a wide range of products for civil markets: shotguns, sporting rifles, machine-tools and toolware.*

*IT ACCOUNTS FOR 90% OF AUTOMATIC GUNS PRODUCTION  
IN RUSSIA AND 95% OF SNIPER GUNS.*





*The Corporate Group specializes in innovative research and development in the field of polymer composite materials and integrated products for space exploration, aviation, arms and military equipment, ground and water transport, power utilities and other industries.*

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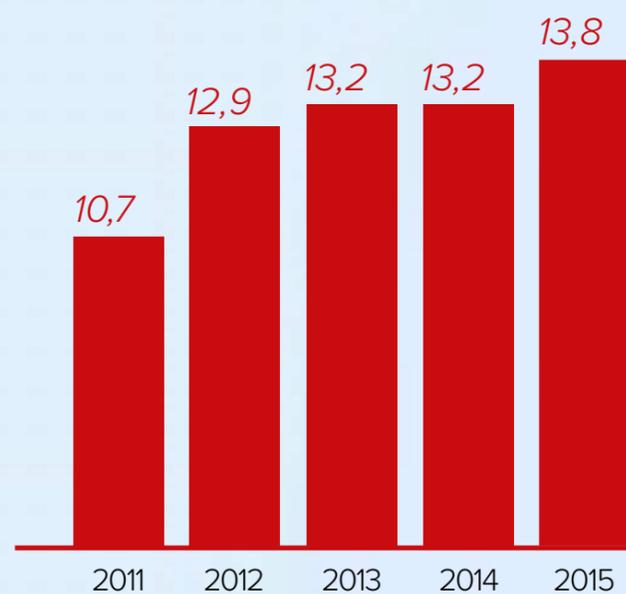




*Rosoboronexport is the only state intermediary for export and import of full range of military and dual purpose products, technologies and services.*

*FOR ROSOBORONEXPORT IS 85% OF RUSSIAN MILITARY GOODS EXPORT.*

- The company's order portfolio amounts to US \$45 billion*
- It exports military goods to over 70 countries*

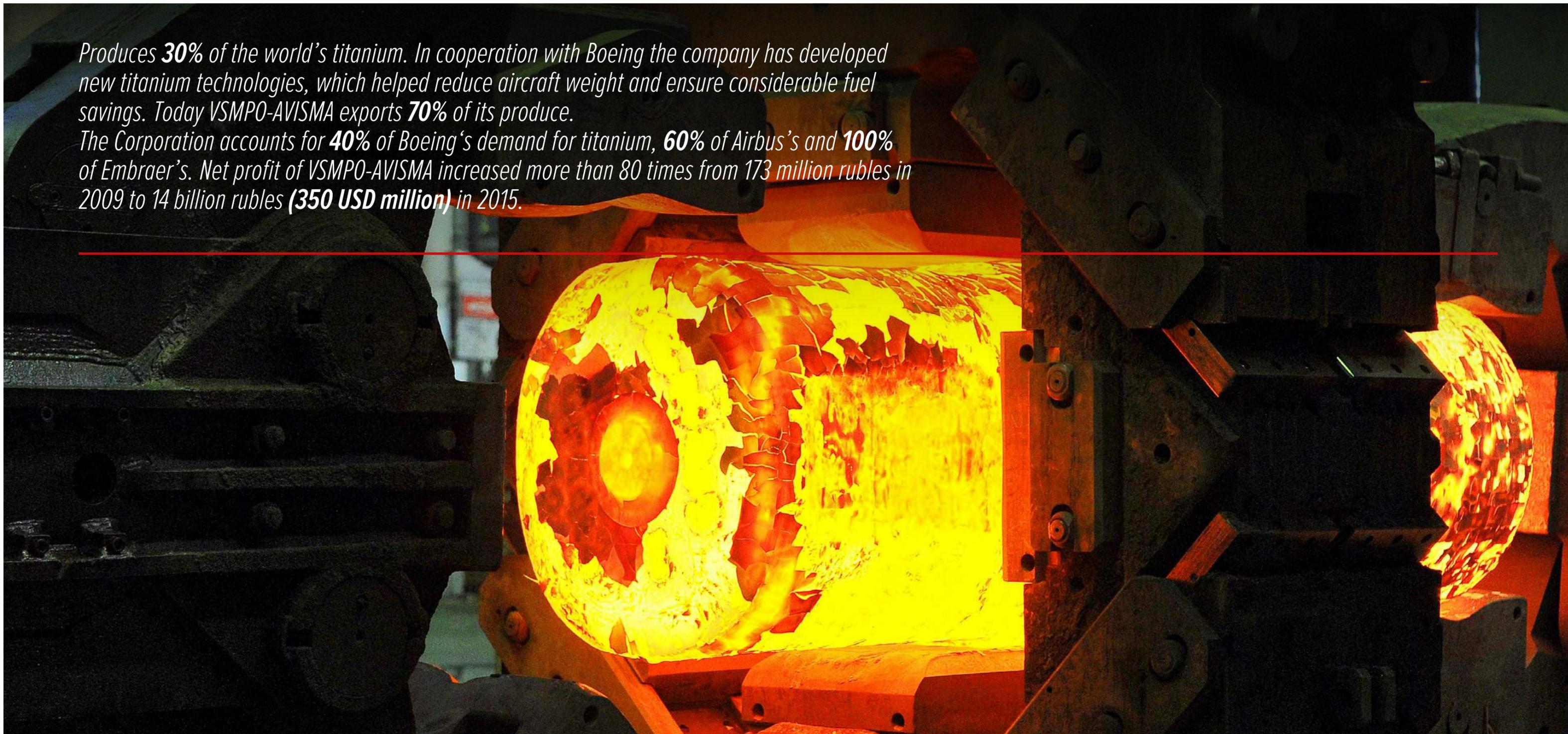


*ARMS EXPORT BY ROSOBORONEXPORT  
(billion \$)*





*Produces **30%** of the world's titanium. In cooperation with Boeing the company has developed new titanium technologies, which helped reduce aircraft weight and ensure considerable fuel savings. Today VSMPO-AVISMA exports **70%** of its produce. The Corporation accounts for **40%** of Boeing's demand for titanium, **60%** of Airbus's and **100%** of Embraer's. Net profit of VSMPO-AVISMA increased more than 80 times from 173 million rubles in 2009 to 14 billion rubles (**350 USD million**) in 2015.*



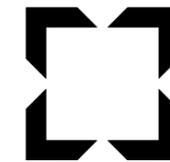


*KAMAZ is the leading Russian manufacturer of trucks and diesel engines.*

- *52% of Russian truck market share*
- *ranked 14th among international truck producers*
- *ranked 8th among international diesel engine producers*
- *established strategic partnership with Daimler Group*

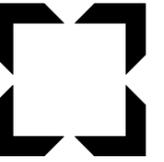
**13**

*KAMAZ MASTER team has won the most prestigious Dakar endurance rally 13 times*

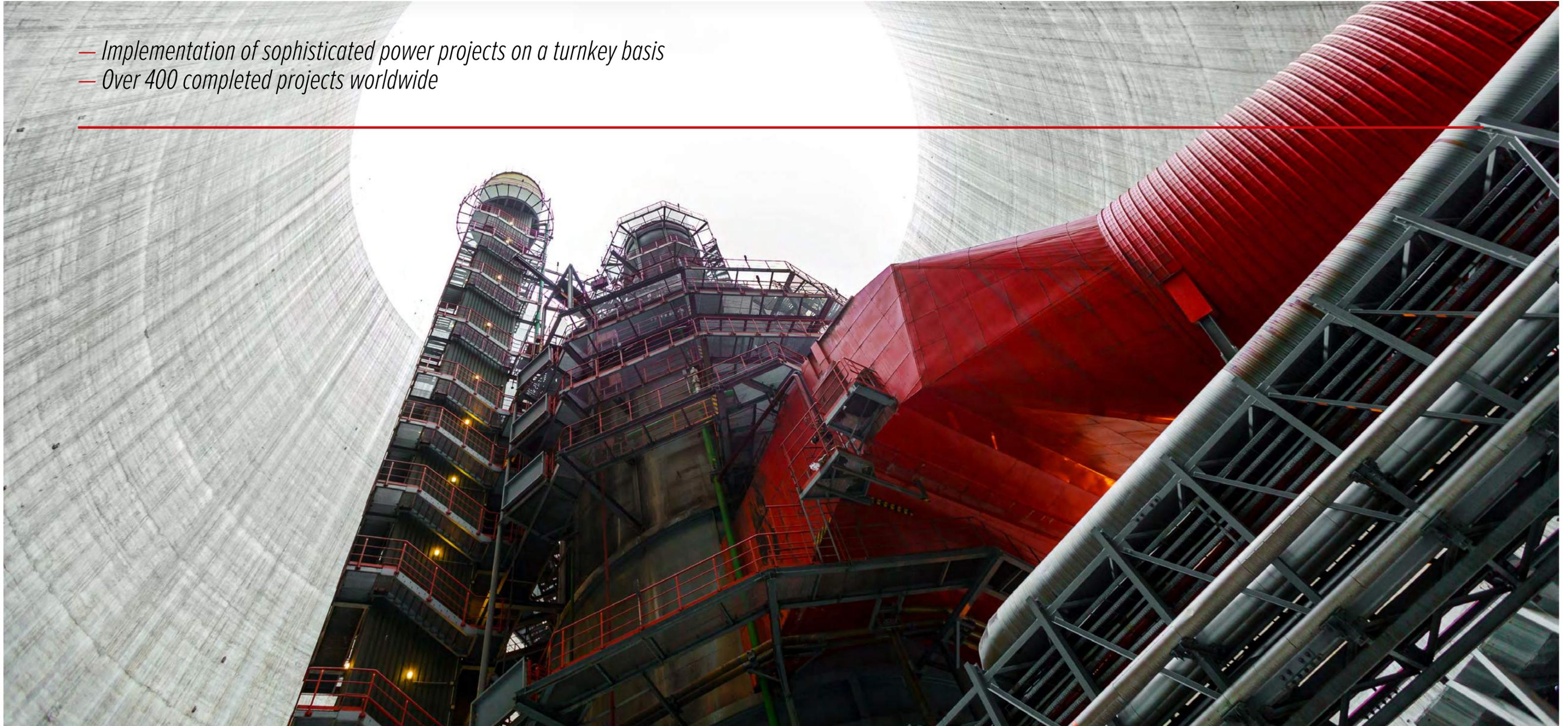


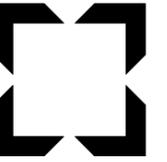
*Renault-Nissan-AVTOVAZ alliance is the **4th largest car** manufacturer in the world. The Alliance brands hold a **30%** share of Russia's auto market. By 2020 the Togliatti plant will produce over 1 million cars per year, making it the largest car plant in Europe. The Alliance will invest **over US\$742 million** in production modernization and is already developing innovative technologies. A new modern production line with a capacity of up to 350.000 cars per year has been launched. The new manufacturing lines for 5 models of 3 different brands - Lada, Renault and Nissan. In 2015 the company launched two brand new models - Lada XRay and Lada Vesta.*

A close-up photograph of the Lada logo on a yellow car. The logo consists of a large, three-dimensional, metallic letter 'L' mounted on the car's body. The car's surface is highly reflective, showing bright highlights and shadows. The background is a blurred yellow, suggesting the rest of the car's body.A close-up photograph of the Lada logo on a yellow car. The logo consists of a large, three-dimensional, metallic letter 'A' mounted on the car's body. The car's surface is highly reflective, showing bright highlights and shadows. The background is a blurred yellow, suggesting the rest of the car's body.A close-up photograph of the Lada logo on a yellow car. The logo consists of a large, three-dimensional, metallic letter 'D' mounted on the car's body. The car's surface is highly reflective, showing bright highlights and shadows. The background is a blurred yellow, suggesting the rest of the car's body.A close-up photograph of the Lada logo on a yellow car. The logo consists of a large, three-dimensional, metallic letter 'A' mounted on the car's body. The car's surface is highly reflective, showing bright highlights and shadows. The background is a blurred yellow, suggesting the rest of the car's body.



- *Implementation of sophisticated power projects on a turnkey basis*
  - *Over 400 completed projects worldwide*
- 



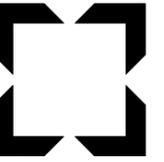


*Pharmaceutical holding for research and development of immune biological remedies.*

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## **YOTAPHONE – FIRST SMARTPHONE FULLY DESIGNED IN RUSSIA**



*YotaPhone is the first and the only double-display smartphone in the world currently in production. The additional e-ink display is the smartphone's most outstanding feature. It consumes 8 times less energy than a normal color one and can continue to display static information even when the battery is completely flat.*

*A YEAR AGO THE COMPANY PRESENTED ITS SECOND GENERATION YOTAPHONE. THE FIRST YOTAPHONE-2 WAS PRESENTED BY THE PRESIDENT OF RUSSIAN FEDERATION VLADIMIR PUTIN TO CHINA LEADER XI JINPING.*





*Rostec's organizations have signed agreements with 214 universities in order to remain at the cutting edge of academic and scientific knowledge as well as for staff advance training. Rostec supported the formation of problem-oriented departments. The management and employees of the Corporation are actively involved in the work of the departments. Agreements were established with 50 technical vocational schools located in different regions of our country, such as agreements for employer-sponsored education to train operative employees, and agreements for facilities upgrading.*



## **CONTACT INFORMATION**

*Created to further the development, manufacturing and export of high-tech industrial products*

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rostec