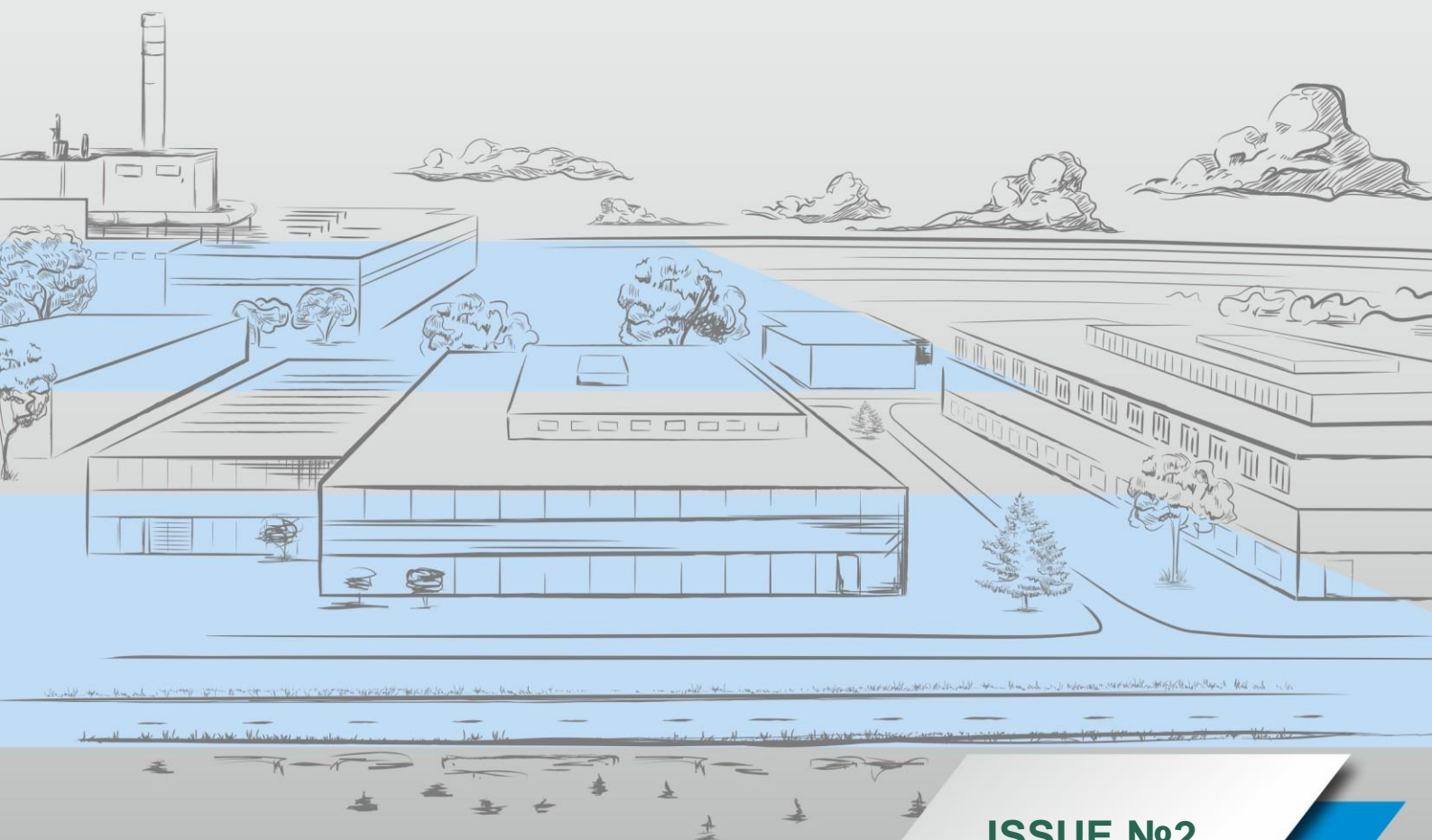




**ASSOCIATION FOR THE DEVELOPMENT  
OF CLUSTERS AND TECHNOLOGY  
PARKS OF RUSSIA**

# **NEWS DIGEST**



**ISSUE №2**

## ANDREY SHPILENKO, DIRECTOR OF THE ASSOCIATION OF CLUSTERS AND TECHNOLOGY PARKS OF RUSSIA

The Association of Clusters and Technology Parks of Russia is a leading non-governmental business membership organization uniting the management companies of the technology parks, nanotechnological centers, special economic zones, cluster development centers, specialized industrial cluster associations, Russian regional development corporations and other bodies all over the country.

Our mission is to work on improvements in terms of socio-economic development and fulfillment of scientific-industrial potential of Russia. The Association provides and facilitates a dialogue between the business community and the federal and regional authorities, development institutions.

International activity of the Association covers more than 10 countries across the globe at a governmental level, as well as at the level of intergovernmental commissions, associations, and the organizations of technological and industrial infrastructure.

Every year the Association organises business missions of the regional business community representatives and the local authorities to Germany, France, China, etc.



The Association of clusters and technology parks was established in 2011. Nowadays the Association comprises over 90 organizations from more than 50 regions of the Russian Federation.

The Association represents the interests of more than 3000 organizations, which are the residents of technology parks, members of industrial clusters and Special Economic Zones.

# SUSTAINABLE DEVELOPMENT OF THE INTERNATIONAL COOPERATION CONTINUES

## THE FIRST INTERNATIONAL MEETING OF 2020

The Association of Clusters and Technology Parks of Russia has always been focused on the sustainable development of the international cooperation.

Working with our international partners, we pay special attention to the promotion of joint projects and technology transfer.

Representing the [interests of Association members](#) we help Russian companies to enter the foreign market and at the same time help international investors to find the most profitable and exclusive projects to work with.



*'Today we have partners in more than 10 countries. Our strong international ties and cordial relations with the representatives of their Governments, intergovernmental commissions, help us to present projects of the members of our Association on the highest level, arrange their communication with the potential investors and partners', noted the Director of the Association of Clusters and Technology Parks of Russia.*

Representatives of the ITA Agency (the Italian Trade Agency) was among the first international partners, with whom we have met in 2020.

The meeting was focused on the discussion of our joint projects. Participants has reviewed the results of the implemented projects and outlined plans of the further cooperation.

The director of the ITA Agency Francesco Pensabene suggested the creation of joint working groups and the organization of knowlengge-sharing workshops and seminars in Russia and in Italy.

Speaking about the upcoming trends of the joint work, Andrey Shpilenko noted that Italian startups can be integrated into the technological chains of clusters. This initiative will facilitate the innovative development of the industrial infrastructure, and at the same time will raise additional investments for Russian projects. [more](#)

## DEVELOPMENT OF THE COOPERATION WITH BRICS. ACTP RF IS GOING TO WORK IN COOPERATION WITH THE ASSOCIATION OF THE TECHNOLOGY PARKS OF BRAZIL.

Development of the cooperation with Brazil was discussed on the meeting of the representatives of the Association of Clusters and Technology Parks of Russia, the Association of Technology Parks of Brazil Anprotec and the Embassy of the Federal Republic of Brazil in the Russian Federation.

The meeting was organized with the assistance of the Embassy of Brazil and the Russian Trade Mission in Brazil.

From the side of the Association of Clusters and Technology Parks, First Deputy Director Mikhail Labudin took part in the meeting..



*'This meeting with our Brazilian colleagues is one of the steps in the implementation of our international strategy, an important stage of comprehensive work aimed at realizing the export potential of the Russian companies - members of the Association', the First Deputy Director of the ACTP RF Mikhail Labudin noted.*

Summing up the results of the meeting, participants agreed to arrange a number of special trainings and business-missions in the both countries. [more](#)



# GEOGRAPHY OF OUR COOPERATION IS EXPANDING. A MEMORANDUM OF UNDERSTANDING WAS SIGNED BETWEEN THE ACTP RF AND THE AMATA CORPORATION

## THE FIRST INTERNATIONAL AGREEMENT OF 2020

The geography of our cooperation is expanding, opening up new opportunities for ACTP RF members.

The director of the Association of Clusters and Technology Parks Andrey Shpilenko and the executive director of the Amata Corporation Vikrom Kromandit signed a Memorandum of understanding.



The document formalizes the intentions of the Association and the Amata Corporation to strengthen bilateral relations focused on the creation and the development of technology parks and clusters, as well as to cooperate in the field of science and innovation.

Andrey Shpilenko, director of the Association of Clusters and Technology Parks of Russia, noted that the agreement with the Amata Corporation, which accounts for 11% of Thailand's total GDP, is a significant step in developing cooperation with Thailand and the ASEAN countries as a whole.



For members of the Association, the Memorandum is an opportunity to exchange experience, implement joint projects with representatives of the Corporation.

Amata's geography is not limited to Thailand, for example, in Vietnam, the company has large industrial technology parks, and the total number of the Corporation's clients around the world includes more than 1300 leading companies, including Toyota Motor, Mitsubishi, Bosh Group, Nestle.

[more](#)

## RUSSIAN ECONOMIC ZONES BUSINESS NAVIGATOR 2019.

**“BY PREPARING THE ENGLISH VERSION OF OUR NAVIGATOR WE GIVE FOREIGN INVESTORS ACCESS TO THE UNIQUE DATA ABOUT THE INVESTMENT POTENTIAL OF THE RUSSIAN REGIONS”**

The Association of Clusters and Technology Parks of Russia has prepared the [English version of the “Special Economic Zones Business Navigator 2019”](#). The translation of such documents into English is one of the crucial stages in the development of international cooperation of the Association.



The business publication “SEZ Business Navigator 2019” is annually prepared by the author team of the Association of Clusters and Technology Parks of Russia with support from the Ministry of Economic Development of the Russian Federation. Its major goal is to analyze investment attractiveness of the Russian Special Economic Zones (SEZs) for international and domestic investors from a comparative perspective.



“SEZ Business Navigator 2019” provides investors and other stakeholders with essential information concerning the whole actual infrastructure in the territory of Special Economic Zones.

It is based on the conducted comprehensive study of the current state of development and investment attractiveness of the Russian SEZs, their competitive advantages, including federal and regional tax privileges, other preferences, as well as the current competitive advantages of the project sites.

The document is addressed to Russian and foreign investors, management teams of corporations and regional enterprises, financial institutions, loan companies, federal and regional executive bodies, the expert community as well as other readers interested in investment activities, financial management, and spatial development.

[more](#)

## NEW! ENGLISH VERSION OF THE V ANNUAL REVIEW "RUSSIAN TECHNOLOGY PARKS - 2019"

The Association of Clusters and Technology Parks has prepared the [5th Annual Review "Russian Technology Parks - 2019"](#).

The document was prepared by the authors of the ACTP RF with the support of the Ministry of Economic Development of the Russian Federation and the Ministry of Industry and Trade of the Russian Federation.

The purpose of the publication is to present the competitive advantages of the Russian technology parks, to present the wide variety of industrial sectors they are uniting.

Potential investors can learn from the document all the detailed information about the development of the of technology parks in Russia and abroad, can analyze the operation efficiency of the Russian technology parks.

Speaking about the importance of the document it should also be mentioned that it provides a distribution of the best practices in management of technology parks and success stories of resident-companies.

The review contains the rating of the Russian technology parks, which outlines the main achievements of the technology parks' managing companies, presents the dynamics of their development.

The rating was based on five subindexes illustrating the innovative and economic activity of the residents, the effectiveness of the managing company, the investment attractiveness, information transparency of the technology park and the contribution it makes into the sustainable development of the ecosystem.

Thus the annual review "Russian Technology Parks - 2019" is intended for a wide range of readers interested in the issues of innovation activity, regional economy development and investment attraction, strategic planning and socio-economic development. It can be used by the members of technology park managing companies and residents, federal, regional and local authorities and expert society.

[more](#)

[The 5th Annual Review of Russian technology parks is available on our official website.](#)

## THE MINISTRY OF INDUSTRY AND TRADE OF THE RUSSIAN FEDERATION RECOMMENDED ASSOCIATIONS' ANALYTICAL MATERIALS TO THE RUSSIAN TRADE MISSIONS IN 54 COUNTRIES

The Ministry of Industry and Trade of the Russian Federation recommended to the Russian Trade missions in 54 countries to use the analytical and statistical material set out in the ["Russian Special Economic Zones Business Navigator"](#) and the [annual review "Technology parks of Russia"](#) to work with foreign investors.

Trade missions will use these documents in their work with foreign investors, representatives of large, medium and small enterprise of foreign companies interested in business development in Russia. Materials can also be used to present the economical and industrial potential of Russian regions in a large variety of spheres to the representatives of investment funds, development institutions, state authorities and business communities in the host country.





## “SHVABE” HOLDING CREATES A LASER SYSTEM FOR MONITORING GAS PIPELINES FROM A HELICOPTER AND DRONE

Shvabe Holding is creating a multifunctional modular LIDAR complex as part of Vector program of Rostec State Corporation. The implementation of new technology for monitoring gas pipelines from the air and searching for new oil and gas fields is planned to be launched in 2023.

The key element of the complex is a lidar sensor on a single laser-based source. The lidar complex is capable of performing high-precision monitoring of hydrocarbon gases from a Mi-8 helicopter or Unmanned Aerial Vehicles (UAV).

The uniqueness of the complex is the capability to register small concentrations of heavy carbon gases in the surface layers of the atmosphere, which are directly indicators of oil and gas deposits. There are no analogs of this technology. [more](#)



## MEMBERS OF SIBERIAN SCIENCE POLIS RESEARCH AND PRODUCTION CLUSTER ARE IN THE FIGHT AGAINST THE COVID-19

State scientific centre of Virology and Biotechnology “Vector”, Vector-Best, JSC and Medical Biological Union Group have made a great contribution to the development of measures to countering the new coronavirus infection by means of their developments of test systems and vaccines.

Novosibirsk scientists test and diagnose COVID-19 using tests based on PCR (polymerase chain reaction) and loop isothermal amplification (express tests), and also produce kits for determining IgG and IgM antibodies. Special attention is paid to the development of a vaccine for the prevention and control the epidemic of new coronavirus infection.

Currently, immunogenicity studies of prototype vaccines are being conducted on laboratory animals. During these studies the composition, dose and injection method of the COVID-19 vaccine will be determined. Clinical trials on volunteers will begin in June.

If the vaccine turns out to be effective at this stage, it will be possible to proceed to the next step: “Vector” expects to register the vaccine in September. [more](#)



**Сибирский  
Научно-производственный кластер**  
 Научно-производственный кластер

## THE SECOND COMPANY WITH ITALIAN EQUITY RECEIVED THE STATUS OF A RESIDENT OF SEZ "LOTUS"

The Ministry of Economic Development of the Russian Federation has issued a certificate of registration of JSC “Technologies – XXI Century” as a resident of the special economic zone “Lotus”.

The company's project involves the construction of a plant for the production of hulling brushes and abrasive materials. The initiator and investor is the family-owned Italian company Ferragu Abrasivi which is the leading manufacturer of hulling brushes in Italy. The venture will be the first production of hulling brushes and abrasive materials localized in Russia. [more](#)



## ALTREN BECOMES A PARTNER OF EMERGYA WIND TECHNOLOGIES, A WIND TURBINE MANUFACTURER

Altren LLC, a portfolio company of Ulyanovsk nanocenter ULNANOTECH has signed a partnership agreement with Emergya Wind Technologies (EWT), a wind turbine producer from the Netherlands.

According to the agreement, Altren as EWT's partner in Russia will be able to sell EWT's equipment and attract prospective customers and investors to install 500 kW – 1 MW wind turbines in isolated and remote areas where power is generated by diesel power plants. These territories are the most promising for the development of renewable energy sources.

Altren, LLC (Ulyanovsk, Russia) is a project company and resident of ULNANOTECH Ulyanovsk nanocenter, established in 2016. [more](#)



## OMSK REFERENCE CENTER CONFIRMED THE LEVEL OF QUALIFICATION



Employees of the Expert Veterinary Laboratory of the Omsk Reference Center of the Rosselkhoz nadzor (Omsky Biocluster member) took part in the Interlaboratory Comparative Tests (ICT) and confirmed their high level of qualification.

ICT were organized by the official provider, the All-Russian Plant Quarantine Center. Participants were required to identify genetically modified samples containing recombinant DNA from eight presented maize ones. According to the results of the summary report, the specialists of the Omsk Reference Center coped with the ICT tasks, having received satisfactory results. [more](#)

## HIGH TECH PARK "MORION DIGITAL" IS ONE OF THE LARGEST PRIVATE HIGH TECH PARK IN RUSSIA

High Tech Park Morion Digital is one of the largest private high tech park in Russia. Development of tech entrepreneurship ecosystem is a major focus of Morion Digital. It is home to over 30 businesses ranging from a small startup to the national tech giant. Many of them are working on game-changing technologies from connectivity and IT to artificial intelligence and robotics.

High Tech Park's residents, in response to the current COVID-19 pandemic, have started development of innovative, technological products or services intended to limit, or even overcome, the economic, health and social effects of the crisis linked to the pandemic.

ER-Telecom and Forpost co-developed a face mask recognition technology for fixed video security cameras.

Promobot company has introduced several new products against COVID-19 pandemic: the Promobot Thermocontrol terminal for non-contact temperature measurement at the entrance to the building, and the Promobot Medical Assessor, the diagnostic robot to help busy clinics, and the Scorpion – mobile robotic disinfectant.

A couple of VR/AR startups at High Tech Park offer tools for remote work that help bigger organizations deal with new circumstances. They develop technologies for collaboration and communication in virtual reality. [more](#)





## TITAN-POLYMER IS DEVELOPING GREAT PROJECTS IN THE MOGLINO SEZ

“Titan-Polymer” is an anchor tenant of the Moglino SEZ. It is innovative manufacturing that provides polymer synthesis within the biochemical processes. Come up with the unique Russian innovations, Titan is developing USD 176 mln project in the Moglino SEZ.

The company plans to produce polyesters (PET pellets) and its derivatives (BOPET films). The polymer material will ensure the cluster of small manufactures jointed to the common Supply Chain Framework.

The cluster’s diffusion is going to create such small-scale producers of apparel, medicine items, packaging, advertising products, solar batteries, insulation materials, extrusion sheets for thermoforming, nonwoven materials, fibers, and so on.

Moglino SEZ team is eager to support any business project towards strong prospect of sectoral cluster development that will form industrial cooperation and value chain for region’s small and medium enterprises as well as for the local community well-being.

Jobs created, number – 500

Total investment – USD 176 mln

[more](#)



## ULYANOVSK WIND TURBINE BLADE MANUFACTURING PLANT “VESTAS” HAS EXPORTED 48 BLADES TO DENMARK



An official videoconferencing ceremony marking the first export product shipment to Denmark was held on 14 April at the site of the wind turbine blade manufacturing plant “Vestas Manufacturing Rus” in Ulyanovsk.

A batch of 48 blades was sent from the plant site to the customer in Denmark for a new wind farm construction. Export of one of the wind turbine key components, localized in Russia, is carried out for the first time in the history of domestic power engineering.

The unique production of wind turbine components was created under a special investment contract (SPIC) between “Vestas Manufacturing Rus”, the Ministry of Industry and Trade of the Russian Federation and the Ulyanovsk region. The SPIC concluded for a period of 8 years is the first special investment contract in the domestic power engineering. In exchange for the JV’s commitment to create industrial production that has no analogues in the Russian Federation, the mechanism guarantees stability of tax and regulatory conditions for successful technology transfer.

[more](#)

## TECHNOPARK CELEBRATES ITS 8TH ANNIVERSARY

The TechnoSpark Group of Companies was established in, 2012.

In eight years 80 technological startups were managed to launch from scratch; ten of them have already become visible on their new markets, 20 are about to achieve it, and 30 are still at the seed round.

Every year construction of dozens of new technology companies starts in a non-stop mode.

Another important element of TechnoSpark is our contract group of 20 companies that have become the component manufacturers and product integrators for many hundreds of their technological customers in the domains of mechatronics, composite materials, additive technologies, and others.

[more](#)



The digest is based on open sources and news from the members of the Association of clusters and technology parks of Russia.

Not a mass media.

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