

Technoparks

Troitsk is a famous science city of Russia. That is its biggest advantage of today. Further development of the science city and improvement of its competitiveness are foremost due to the cluster approach of Troitsk transformation into innovation development center of new Moscow territories, one of the main platforms for the development of innovative economy of the capital.

So, for example, since 2012 on the territory of the city district Troitsk innovation cluster 'New materials, laser and radiation technologies' has brought together the capacities of its fundamental and applied sciences organizations, small and medium-sized businesses, infrastructure companies. This is a large-scale science and technology complex based on priority directions of science and technology in national terms.

Important elements of Troitsk innovation infrastructure are technoparks, The Nanotech center 'Technospark' and municipal business incubator, which are parts of the Troitsk innovation cluster.

The oldest technopark in the science city is The Troitsk Technopark of PIAS (structural unit of The Lebedev Physical Institute of the Russian Academy of Sciences) founded in June 2008 to create effective financing mechanisms of innovation projects. Currently there are 20 small businesses specializing in different fields of science, technics and technology. Among them there are well-known firms LLC 'Avesta-project' (one of the world leaders in development and production of femtosecond lasers), LLC 'Ceramic Technologies' (researches on using silicon carbide in different industries of science-based production), Engineering Center 'Integrated researches' (innovative methods of waste water treatment), LLC 'Scientific and Technical Enterprise Fitran' (development of system of frequency standards including femtosecond lasers) and others.

Today Technopark provides Troitsk with 500 high-tech, science-based jobs. In 2015 The Center of Youth Innovative Creativity 'Physics Kunst-kammer' was opened at Technopark FIAN facilities, its purpose is to support innovative creativity of children and youth.

In 2012 the LLC 'Business Development Center' has begun the construction of one more technopark in Troitsk. The investor of construction is one of the Troitsk oldest construction companies LLC 'SMP-1'. The Technopark 'Technospark' has become the first private technopark on New Moscow territory, gaining its official status on 9 February 2015.

The Nanotech Center 'Technospark' (Technopark's lessee) is a joint project of several Troitsk private enterprises and The Fund for Infrastructure and Educational Programs Rusnano.

The NC 'Technospark' specializes in the support and development of innovation infrastructure in the field of nanotechnology. Its main objective is setting the stage to launch and develop new technology companies. For the startups Nanocenter has 3 buildings (with a total area of about 9000 m²), where modern productions, laboratories offices of 97 project companies situated. They include technology company that develops products based on synthetic diamonds LLC 'CVD. Spark', production and technical platform for thin-film deposition LLC 'Optispark', engineering and production complex 'Center of Technical Supply' (CTS), center of composite materials, industrial design factory, microbiological laboratory LLC 'Biospark', genomic center 'ReadSense' and engineering company 'TEN Electronics'.

In partnership with Belgian micro- and nanoelectronics center IMEC the foundation of the fourth building for Russian Flexible Electronics Center is laid. The Center of Youth Innovative Creativity of 'Technospark' has been working actively with schoolchildren: it organizes scientific shows, workshops, courses of robotics, industrial design and airplane modelling.



Вид на корпуса Наноцентра «Техноспарк» с квадрокоптера.
Октябрь, 2015



Центр технологического обеспечения «Техноспарк».
Октябрь, 2016



«БиоСпарк», первая в России биологическая лаборатория открытого типа