

21.02.2017**Russian Telecommunication Will Receive Domestic Optic Fibre**

Optic Fiber Systems, RUSNANO portfolio company, has completed certification of its products in Russia and is ready to cover up to half of the Russian market. Prior to the factory launch, the Russian needs for optic fibre have been completely satisfied due to import.

In December, 2016, RUSNANO portfolio company Optic Fiber Systems jointly with Rostelecom PJSC and VNIIEP OJSC (All-Russian Research and Development Institute for Cable Industry) completed a programme of testing own-produced Russian optic fibre, as well as optic fibre cable produced using it. Test results demonstrate positive results, and the company's products have been recommended to use in Rostelecom communication networks.

Optic Fiber Systems produces optic fibre for communication cables used by telecommunication companies for data transfer. Synthetic quartz workpieces heated and pulled out to a thickness of 0.125 mm covered by protective sheath are used for production of optic fibre.

First domestic production of telecommunication optic fibre was launched in Saransk, the capital city of Mordovia, in September 2015. The project is implemented by RUSNANO with participation of Gazprombank and the Republic of Mordovia. Total budget is 3.5 billion roubles, where RUSNANO contributed 1.7 billion roubles.

Leading enterprises in the industry, such as Saransk Cable-Optic, Eurocable 1, Incab, Moscable-Fujikura, Opten-Cable and T8 have already tested the samples of Russian optic fibre and have given their positive feedbacks. Successful completion of certification programme with participation of Rostelecom PJSC and VNIIEP OJSC will allow to maximally expand the scope of application when building networks in Russia in the nearest future, including within the federal project "Elimination of Digital Gap".

Optic Fiber Systems have already obtained compliance certificate for commercial optic fibre according to the key international standards MSE-T G652D and IEC 60793-2-50, and have been certified for quality management system in compliance with GOST R ISO 9001-2015 (ISO 9001: 2015) which is a warranty of compliance of domestic optic fibre quality with the international and Russian standards.

In Q4, 2016, the factory proceeded to commercialization of optic fibre and achieved the level of over 100 thousand kilometres of fibre per month. It comprises 50% of the factory capacity and covers 25% of demand of the total Russian market, which needs have been completely satisfied due to importing prior to the factory launch.

According to CRU Group, consumption of optic fibre in the world was increased by 11% up to 457 million kilometres in 2016. In this context, Optic Fiber Systems have successfully implemented deliveries of optic fibre in the amount of over 300 thousand kilometres to the countries of European Union and Asia, including the



top ten largest manufacturers of optic fibre communication cables in China. Currently, a series of long-term export contracts have been concluded for the delivery of optic fibre.

"Import substitution proclaimed as one of the priorities of development of domestic industry is a primary goal in the strategically important industry as telecommunications. The results of joint tests demonstrate that Optic Fiber Systems can participate in tenders of Rostelecom itself and the other largest communication operators in Russia among the manufacturers of optic fibre cables, and the obtained compliance certificate guarantees the quality of domestic optic fibre for cable producing factories," has stated Deputy Chairman of the Board of RUSNANO **German Pikhoya**.

About RUSNANO

RUSNANO was founded as a joint stock company in March 2011, through reorganization of state corporation Russian Corporation of Nanotechnologies. RUSNANO is instrumental in realizing government policies for nanoindustry growth, investing in financially effective high-technology projects that guarantee the development of new manufacturing within the Russian Federation. The company invests in nanotechnology companies directly and through investment funds. Its primary investment focus is in electronics, optoelectronics and telecommunications, healthcare and biotechnology, metallurgy and metalwork, energy, mechanical engineering and instrument making, construction and industrial materials, chemicals and petrochemicals. The Government of the Russian Federation owns 100 percent of the shares in RUSNANO. By the moment thanks to RUSNANO's investments 73 plants and R&D centers are launched in 28 regions of Russia.

Management of the investment assets of RUSNANO are carried out by a limited liability company established in December 2013, RUSNANO Asset Management. **Anatoly Chubais** is Chairman of its Executive Board.

Work to establish nanotechnology infrastructure and carry out educational programs is fulfilled by RUSNANO's **Fund for Infrastructure and Educational Programs**, which was also established during the reorganization of the Russian Corporation of Nanotechnologies.

Contact information:

10A Prospekt 60-letia Oktyabrya, Moscow, Russia 117036

Telephone: +7 (495) 988-5677, fax:+7 (495) 988-5399, e-mail:press@rusnano.com