

Russia



EDUCATION ON TUNNELLING IN THE COUNTRY

Main higher educational institutions, training and retraining specialists to work in the area of underground development:

- Moscow State University of Communication Lines (MIIT)
- Moscow State University of Civil Engineering (MGSU)
- Moscow State Mining University (MGGU) of National University of Science and Technology "MISIS"
- National Mineral Resources University "Gorny" (SPGU)
- Saint Petersburg University of Communications (PGUPS)
- Tula State University
- Ural State Mining University (UGGU)
- Siberian State University of Communications (SGUPS)

stations, including seven new stations and two after reconstruction. After the completion of the construction of the entire facility, the length of the Big Circle Line will be more than 70km and 31 stations.

By 2023, construction completion is planned for the Lyublinsko-Dmitrovskaya line on the Moscow Metro from Seligerskaya to the village of Severny, three metro stations will be located on this 5.8km section.

In 2022-2023 construction of the first stage of the Rublyovo-Arkhangelskaya line of the Moscow Metro will begin, where six stations will be located on a 12.6km section.

Work will continue on the development of metros in St. Petersburg, Nizhny Novgorod, Kazan, as well as the construction of metros in the cities of Krasnoyarsk and Chelyabinsk.

Name: Russian Tunneling Association (RTA)

Type of Structure: Non profit

Number of Members: Total number - 58

ASSOCIATION ACTIVITIES DURING 2021 AND TO DATE

- Scientific and technical conference "Application of advanced technologies in underground construction", Moscow, May 25th – 26th, 2021.
- International scientific and technical conference "Development of the underground space of megacities and transport tunnels" as part of the VIII International Forum and Exhibition "100+ TechnoBuild", Yekaterinburg, October 5th – 7th, 2021.
- Regular reporting and election for the Conference of the Tunnel Association of Russia, Moscow, November 25th, 2021.
- Competition S.N. Vlasov "Engineer of the Year of the Russian Tunnel Association 2021".
- Competition for scientific (diploma) works for university students.
- Competition "The best use of advanced technologies in the construction of tunnels and underground structures".
- The professional magazine "Metro and Tunnels" was published (four issues of the magazine were published).

CURRENT TUNNELLING ACTIVITIES

Moscow Metro development program

Despite the ongoing COVID-19 pandemic, in 2021, more than 23km of tunnels and 12 new metro stations were built and put into operation on the Big Circle Line (BCL) of the Moscow Metro.

The opening took place in two stages: in April, two metro stations were opened on a section of more than 2km, and then in December, 10 metro stations were simultaneously put into operation on a section of 21.2km (this is the longest section in the entire 86-year history of the Moscow Metro).

Development of the railway infrastructure on the eastern range

In July 2021, construction was completed, and traffic was allowed along the new Baikal Tunnel, on the Baikal-Amur Railway.

Construction of a new Kerak double-track railway tunnel with a length of 926m has begun on the Trans-Siberian Railway in the Amur Region.

Member companies of the Tunneling Association of Russia continue to implement large-scale programs to increase the capacity of the Trans-Siberian Railway and the Baikal-Amur Railway.

FUTURE TUNNELLING ACTIVITIES

Work continues on the development of the Moscow Metro:

By the end of 2022, construction is expected to be completed and preparations for the launch of one of the largest projects in domestic and global metro construction - the Big Circle Line of the Moscow Metro (BKL). It is planned to open the rest of the nine