

Russia



EDUCATION ON TUNNELLING IN THE COUNTRY

Include graduate courses, post graduate courses, technical courses / name of University, School...

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 "Gornyy" (SPGU)
- Saint Petersburg University of Communications (PGUPS)
- Tula State University
- Ural State Mining University (UGGU)
- Siberian State University of Communications (SGUPS)

Construction of Dusse-Alin and Kerak railway tunnels has begun in the Siberian region.

Work has begun on the Eastern test site to lay the railway bypassing the Shkotovo-Smolyaninovo site, where railway tunnels will also be built.

Name: Russian Tunneling Association (RTA)

Type of Structure: Non profit

Number of Members: Total number - 63

ASSOCIATION ACTIVITIES DURING 2020 AND TO DATE

An event on the occasion of the 30th anniversary of the creation of the Tunnel Association of Russia which was attended by the head of the ITA/AITES Executive Director O. Vion (Moscow, 02.28.2020).

- Round table "Innovative solutions for the construction of the Moscow Metro" (Moscow, February 27th 2020).
- International Scientific and Technical Forum "Use of Progressive Tunneling Technologies in the Development of Underground Space of Megapolises" (Moscow, October 15-16th 2020).

Professional competitions have also been organized and conducted:

- Contest S.N. Vlasov "Engineer of the Year of the Tunnel Association of Russia 2020";
- Contest "Best use of advanced technologies in tunnel construction and underground structures";
- Scientific (diploma) works contest for higher education university students.
- The professional magazine Metro and Tunnels (four editions of the magazine were issued) and the newsletter of the Tunnel Association of Russia were published (one issue was published).

CURRENT TUNNELLING ACTIVITIES

In 2020, under the Moscow Metro development program, 17.9km of running tunnels were built, seven new stations were put into operation, including Lefortovo, Aviamotornaya, Nizhny Novgorodskaya, Stakhanovskaya, Okskaya, Yugo-Vostochnaya, Elektrozavodskaya.

The second line of the Baikal tunnel on the Baikal-Amur railway has been prepared for commissioning.

The member companies of the Tunnel Association of Russia are involved in the implementation of large-scale programs to increase the capacity of the Trans-Siberian Railway and the Baikal-Amur Railway.

FUTURE TUNNELLING ACTIVITIES

Development works continue on the Moscow subway. In 2021-2023, it is planned to build and commission more than 58km of lines and 24 stations, as well as to build

and reconstruct four large electric depots. It is planned to complete the extension of the Lublin-Dmitrov branch from Seligerskaya to the village of Severny. Three stations are being built on the new section: 800th Anniversary of Moscow Street, Lianozovo and Phystech. The construction of a new section of the Solntsevsky radius from Rasskazovka station to Vnukovo Airport with an intermediate station of Pykhtino should also be completed. Another branch which is being extended in the southwesterly direction is Sokolnicheskaya: from Kommunarka it will reach Potapovo, where Novomoskovskaya station will open.

Development works continue on St. Petersburg subway. According to the plan for the development of the St. Petersburg subway, the length of its lines should increase from 113.6km to 155.5m. The number of stations will increase from 67 to 85, and the number of metro stations will increase from five to seven by 2027.

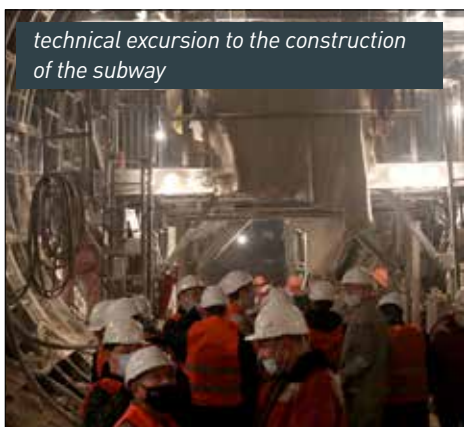
Work continues on the design of the metro in Krasnoyarsk.



The 30th anniversary of the creation RTA



Elektrozavodskaya metro station-1



technical excursion to the construction of the subway



Work in the running tunnel of the BCL