

# Belarus



**Name:** Belarusian Tunneling Association

**Type of Structure:** Non-profit, open association

**Number of Members:** 7 organisations

## ASSOCIATION ACTIVITIES DURING 2020 AND TO DATE

On November 6th, 2020, the first section of the 3rd Minsk Metro Line from Kovalskaya Sloboda to Yubileinaya Station was commissioned. The Line is 4.82km long, with four stations. The running tunnels were constructed by the mechanised method using a waterproof high precision reinforced concrete lining. For the station construction up to 25m deep, the 'Wall in the Ground' method was used, with PVC Membrane for waterproofing.

## CURRENT TUNNELLING ACTIVITIES

Construction of the first section of the 3rd Minsk Metro Line continued in 2020. The second start of construction occurred from Korzhenevsky Station to Zhukovsky Station, the section is 4.2km long with three stations. In 2020, 1,382m of 6m diameter tunnel were bored and lined. The stations are being built by the

open cut method, using sheet piles and I-beams. This year, 24,100 square meters of monolithic, and 1,400 square meters of prefabricated reinforced concrete was placed, with 24,000 square meters of waterproofing completed. Utility tunnels in Minsk are also under construction, 74m of 2.4m diameter tunnel, and 375m of 1.2m diameter tunnel were constructed.

## FUTURE TUNNELLING ACTIVITIES

The development of the 'Architectural Project' of the second section of the 3rd Line of the Minsk Metro from Yubileynaya to Logoiskaya Station continues. The line is 8.2km long with seven stations.

## STATISTICS

### Built in 2020:

1,382m of 6m diameter metro tunnels  
449m of sewage tunnels

