

North Macedonia

Name: Republic of North Macedonia

Name of Association: North Macedonian Tunneling Association (ITA North Macedonia)

Type of Structure: non-profit, open association

Number of Members: 55



ASSOCIATION ACTIVITIES DURING 2020 AND TO DATE

In 2020 members of the Macedonian Tunneling Association are mainly active in reviewing the main design of tunnels in the Republic of North Macedonia as follow:

- Road Tunnel on the Expressway Gradsko – Prilep;
- Road Tunnel on the Expressway Bukojcani - Kicevo

Also some members of ITA Macedonia were consultants on the Macedonian Enterprise for State Roads concerning tunnelling activities.

CURRENT TUNNELLING ACTIVITIES

Construction of the longest road tunnel in Rep of North Macedonia - the tunnel Preseka on the Motorway A2, section

Kicevo-Ohrid which has two tunnel tubes, with a length of 2.2km each excavated in graphite phyllites in category V after Bieinawski. The primary support system features a pipe roof in combination with heavy steel arches IPB 200 and 30cm of shotcrete. The final lining is completely finished. At present, works on the tunnel ventilation system, lightening system and other safety systems are under construction.

- Tendering procedure for Road Tunnel on the Expressway Gradsko – Prilep;
- Tendering procedure for railway tunnels on the Section Kriva Palanka – Border with Rep. of Bulgaria (22 tunnels).

FUTURE TUNNELLING ACTIVITIES

- Tendering procedures for 13 tunnels on Railway line Beljakovce – Kriva Pakanka

STATISTICS

1. Amount (USD or EUR) of tunnelling / underground space facilities awarded in 2020: €75M

2. List of tunnels completed: none

3. List of tunnels under construction: Tunnel Preseka on the Motorway A2, section Kicevo - Ohrid

EDUCATION ON TUNNELLING IN THE COUNTRY

Subject - “Tunnels” on graduate studies, Faculty of Civil Engineering – Skopje
 “Selected chapters of tunnels”, post graduate studies, Faculty of Civil Engineering – Skopje

- Organizing seminars for tunnel construction methods for the engineers who will be involved in realization of future tunnels in Macedonia.
- Members of ITA Macedonia will take an active role in the construction of future tunnels through consultancy of Macedonian public enterprises for State roads and railways.



Waterproofing