

Turkey

Name: Turkish Road Association (TRA) (Yollar Türk Millî Komitesi (YTMK))

Type of structure: TRA is an open association. Its function is to promote, coordinate and spread studies and research in the field of roads, highways, motorways, tunnelling and other underground works.

Number of members: As of January 1, 2017, TRA has 607 members of which 533 are individuals and 74 are corporate members which represent Universities, Consultants, Contractors, Manufacturers and some of the other Governmental Organizations.



2016 ACTIVITIES

Main activities:

1. Candidacy For WTC 2019

We competed in 2016 in San Francisco for WTC 2019



3. Roads, Bridges and Tunnels Fair:

The Fair which was organized in a highly motivated way between the May 26 - 28, 2016, was attended by 28 public institutions, 928 civil servants, 5226 visitors and 151 companies.



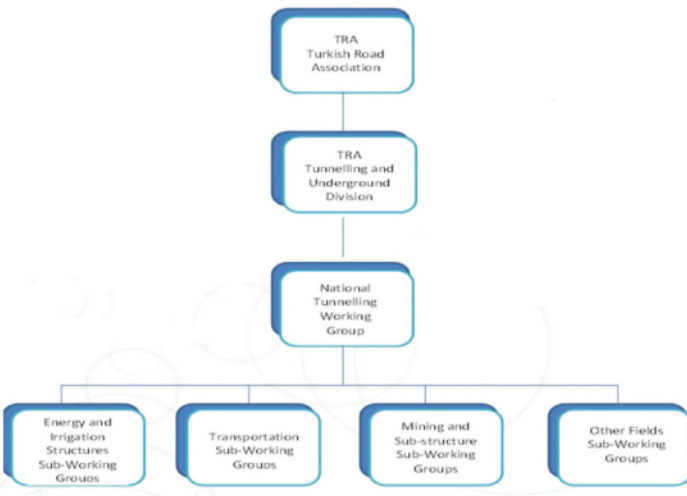
2. First National Tunnelling and Underground Space Congress (May 26 - 27, 2016):

The Congress was held with an impressive 1106 participants in Congressium Ankara. 21 papers were discussed.



Working Groups:

TRA established a Tunnelling and Underground Space Branch on April 24, 2014. The Communication network and National Tunnelling Working Group were formed with the participation of colleagues from different tunnelling sectors in Turkey. First meeting of the National Tunnelling Working Group was held and the main topics for the sub-working groups were determined.



Training:

1. The First National Tunnelling and Underground Space Congress in Ankara (May 26 - 27, 2016) learnt from 21 paper presentations among the 81 accepted papers which have been discussed by very selected academicians and experts in many fields of tunnelling.



2. On November 28 – December 2, 2016, A course for Engineering Geology, Site Investigation Techniques, Drilling and Laboratory Tests for Tunnels was organised. 29 engineers participated in the course.

Publications:

- TRA has published TRA Bulletin four times a year since January 2013. News about working groups and important events are shared with all members by these bulletins as well as the website. The 7th bulletin was on tunnelling in 2014.
- In 2015, The presentations of the Tunnelling Seminar were disseminated as soft copies
- In 2015, the Tunnel Engineer Training Course notes were disseminated as soft copies
- First National Tunnelling and Underground Space Congress 2016, 74 papers among 81 have been published as soft copies to distribute.

TUNNELS – UNDERGROUND WORKS

Turkish Tunnels (As Of January 1, 2017)

TYPE	Completed (km)	Under construction (km)	Planned / Designed (km)
Highway	316	73	68
Railway	72	40	214
Hydraulic	522,5	182	79,5
Subway	259,37	111,86	159,5
Mining	520	178	3

FUTURE ACTIVITIES

Some activities planned:

- 2nd Roads, Bridges and Tunnels Fair on May 24 – 26, 2017 in Ankara
- A national/international Congress on Tunnelling and Underground Space to be held in 2018.

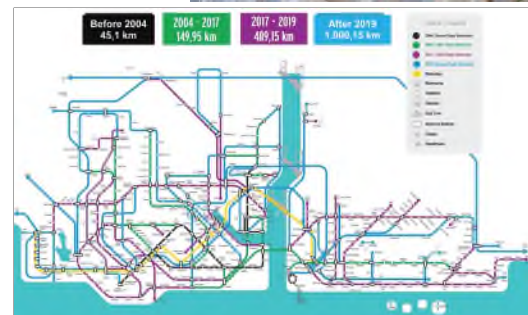
UNDERGROUND WORKS FOR THE VIDEO OF THE YEAR



Above: Ovit Tunnel, 12.636m in length, between Rize and Erzurum Road



Right: Zigana Tunnel: 12.8km long between Trabzon and Gümüşhane



Left: İstanbul rail systems after 2019

Right: İstanbul 3 Storey Tunnel Project under the Bosphorus

