

The Greek Tunnelling Society has 296 members and 94 trial members. In 2012 GTS participated in the 38th ITA General Assembly and the WTC 2012 in Bangkok.

It organized an International Symposium on Practices and Trends for Financing and Contracting Tunnels and Underground Works.

It participated in 1st Eastern European Tunnelling Conference (EETC 2012) organized by ITA Hungary in Budapest and assigned by the the Assembly of Delegates of the Eastern European countries the organization of the 2nd EETC to be held in Athens.

It organized a successful technical soiree dedicated to ATTIKO METRO.

Athens Metro

Works are in progress in order to finalize and deliver into 2013 six (6) new stations. The extension of Metro Line 3 Aghia Marina to Piraeus, is including 7.6 km long tunnels, with 6 modern Metro Stations, whose budget reaches the amount of EURO 515 million, has been started with the preparatory works in progress. Contractor is J&P - AVAX AE - GHELLA SPA - ALSTOM TRANSPORT SA. 6,5km of the tunnel of the extension will be constructed using the Tunnel Boring Machine, while the remaining parts at the beginning and at the end of the project will be constructed via the underground excavation method. 8 ventilation shafts in total shall be constructed along the new Line and two shafts for the TBM's entering/exiting.

Thessaloniki Metro

Works for the Thessaloniki metro are in progress involving 13 stations, 9.5 km of tunnels (7.7 km to be bored by two TBM and the rest using cut & cover techniques) and a depot. The Civil Works have been completed by 45% while 80% of the metro tunnels have been constructed until the end of November 2012. The project is evolving slowly due to archaeological constrains, expropriations and contractual problems.

The works in the three twin bore highway tunnels (T1: ~2km, T2: ~6km and T3: ~3km) with a total length of ~22 km, at the Tempi gorge along the Maliakos Kleidi concession project have been recommenced after a suspension action status. In T1 and T2 excavation and final lining has been completed.

Eight (8) twin bore highway tunnels for the Elefsis Corinth - Patras - Pyrgos - Tsakona concession project (J/V Olympia Odos) are under suspension action status by June 2011. These are the tunnels at Derveni (0.62 + 0.61 km), Mavra Litharia (1.18 + 1.14 km), Akrata (0.24 + 0.78 km), Platanos (1.63 + 1.57 km), Aghios Georgios, Koliri, Elia, Panagopoula (6 km) and Xylokaastro.

Along the Ionian Highway four (4)

Twin bore tunnels with a total length of 6km (Klokova, Kalydona, Menidi and Skamia) are under suspension action status by June 2011.

Along the Central Greece Highway

E65, six (6) twin bore tunnels with a total length (single bore) of ~20km are under suspension action status by June 2011.

Works for the construction of the final lining for Achyra Dam Water transfer tunnel (2.4 km) are in progress.

Works for the Aposelemis Dam Water transfer tunnel (3.5 km) have not started yet.

Along the Kiato

Egion railway section, budget of 620 million Euros, there are 6 single bore double track tunnels under construction (Melissi, Derveni, Platanos, Trapeza and Egio) with total length of 12km, 13 cut&cover structures with total length of 3.6km and 8 escape tunnels with total length of 2.15km. Civil works at Melissi and Derveni tunnels are temporarily suspended due to contractual and cashflow issues. Civil works at Trapeza (2.7 Km) and Platanos (2.3 Km) tunnels with 1km escape tunnels are near completion (95% and 98% respectively) while at Egion tunnel (3.3 Km) they are completed.

Along the Egion

Patras railway section, initially budgeted at 685 million Euros, there is one 5 km single track twin bore tunnel in Panagopoula ready sign the contract after the tender procedures during 2012 (budget 315 million Euros), as well as, long pile wall supported cuts, viaducts and cover & cut structures for the alignment of the railway line in Aghios Vasileios to Rio (1km U/G) and Rio to Patras (3,5 Km U/G) at final design completion - tender documents drafting and final design stage respectively.

Civil works at the 9 Km single track twin tube Mt Kallidromo tunnel reached 99,9% of primary and 95% of final lining completion. This tunnel is part of the high speed railway link from Athens to Thessaloniki, including also 7 Cut & cover tunnels with total length 1.080m completed.

Along the Lianokladi

Domokos section under construction there are 3 small double track tunnels under construction with a total length of 1.62km, the 6.4km long single track twin bore tunnel of Mt Orthrys, including one access tunnel (1Km long) and 10 double track small tunnels and C&Cs are completed. Excavation in the former three is completed and final lining reached 50% completion, the rest is waiting retendering. Civil works

in the Mt Orthrys have reached (excavation 70% and final lining 50%).