

GREECE

ACTIVITY REPORT 2013

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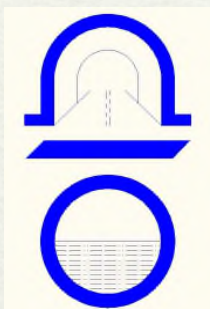
The Greek Tunnelling Society is an independent society operating according to the Greek Law for scientific non-profit organisations, created in 1995.

EESYE has 323 members and 45 trial members. Organized a successful technical soiree dedicated to ATTIKO METRO.

Was participated in organization of the 2nd Hellenic Conference on Dams and Reservoirs on the 7th and 8th of November 2013 at the Aigli Zappiou in the centre of Athens and in organization of the 7th Hellenic Conference on Geomechanics.

Promotes the nomination and recognition of Efpalinos Tunnel at Samos as a World Tunnelling Landmark.

A Young Members Group was established. A tunnelling career day is scheduled with the occasion of 2nd EETC.



Athens Metro

During 2013 seven new stations and 8,7Km underground line was opened to traffic.

The works for new Metro Line 3 Aghia Marina to Piraeus, including 7.6 km long tunnels, with 6 modern Metro Stations, have been started. Designs for lines 2 and 4 are ongoing (geological, geophysical, geotechnical designs and investigations, topographical surveys)

Thessaloniki Metro

Works for the Thessaloniki metro main line 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 project is evolving slowly due to archaeological constrains, expropriations and contractual problems.

A new contract for the first extension to Kalamaria have been signed during 2013, for the construction of 5 modern stations and 4,8Km underground line and preparatory works are in progress.

The works in the three twin bore highway tunnels (T1: ~2km, T2: ~6km and T3: ~3km) with a total single tube length of ~22 km, at the Tempis gorge along the Maliakos – Kleidi concession project are in progress. In tunnels T1 and T2 works for excavation and final lining have been completed.

Works for nine (9) highway tunnels of the Elefsis – Corinth – Patras – Pyrgos concession project (J/V Olympia Odos) have been fully recommenced after a suspension action status by June 2011. These are the tunnels at Derveni, Mavra Litharia, Akrata, Platanos, Aghios Georgios, Koliri, Elia, Panagopoula and Xylokastro. Six tunnels are of single tube unidirectional traffic type and three

tunnels are twin tube unidirectional. Total length of single tube: 16 Km.

Along the Ionian Highway works for three (3) twin bore tunnels with a total single tube length of 6km (Kalydona, Menidi and Skamia) are expected to be recommenced (after a suspension action status by June 2011) in the first months of 2014. A new twin tube tunnel Klokova is in design phase (single tube length 5Km).

Five tunnels (single tube bidirectional, 1700m long) were opened to traffic (in Greek – Bulgarian corridor)

Highway tunnels for Styliada bypass are in progress

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

Excavation and final lining at the 9Km long single track twin tube Kallidromo rail tunnel (total length 18 km single tube) have been completed. Remaining civil works and E/M works are in progress.

Preparatory works for the construction of the 5 Km long single track twin bore rail tunnel in Panagopoula (total length 10 km single tube)

Along the Lianokladi – Domokos rail section:

3 small double track tunnels with a total length of 1.62km, and the 6.4Km long single track twin bore tunnel of Mt Orthrys (13km single tube length), including one access tunnel (1Km long) are under construction and 10 double track small tunnels and C&Cs are completed.

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Junction area at Panagopoula T26 Tunnel



Athens Metro from Aegaleo to Agia Marina

