

Thailand



Name: Thailand Underground and Tunnelling Group (TUTG), The Engineering Institute of Thailand under H.M. The King's Patronage

Type of Structure: non-profit organization

Number of Members: 60 members

ASSOCIATION ACTIVITIES DURING 2019 AND TO DATE

- Four 'Tea Talk' Seminars were held through 2019.
- Co-organizer of 14th International Conference on Shotcrete for Underground Support 2019 17th – 20th November 2019 at Nong Nooch Gardens, Pattaya, Thailand.
- Co-organizer of 6th Thai Geotechnical Conference 2019 (26th – 27th September 2019)
- Organize the 4th Training of - 'Tunnelling in Soft Ground' (24th – 26th July 2019) - 'Tunnelling in Rock' (6th – 8th November 2019)
- Continuing Activities from last year: Preparation of Shotcrete Guideline Publication

CURRENT TUNNELLING ACTIVITIES

- Flood Diversion Tunnel – Khlong Nong Bon to Chao Pha Ya River – 5.7m diameter, 9.4km long tunnel (The Bangkok Metropolitan Administration)
- Orange Line - East Section – 20km tunnel length (Mass Rapid Transit Authority of Thailand)
- Mae Tang – Mae Ngud – Mae Kuang Water Diversion Tunnel – 48km long tunnel (Royal Irrigation Department)
- Track Doubling North-Eastern Line – Mab Kabao – Thanon Chira Junction – 7.9km long tunnel (State Railways of Thailand (SRT))
- Outgoing Cable Tunnel at Chidlom Terminal Station – 3.6m diameter, 1.8km long tunnel (Metropolitan Electricity Authority)
- Underground Khlong Phra Khanong Electric Tunnel Project – 3.6m diameter, 0.8km long tunnel (Metropolitan Electricity Authority)
- Conversion of Overhead Line to Underground System, Rama III Project : Thanontok Terminal Station – Rama IX Bridge – 4.7km tunnel length (Metropolitan Electricity Authority) – US\$60M (Approximately)

- Conversion of Overhead Line to an Underground System, Rama III Project : Rama IX Bridge – Chalm Mahanakorn Expressway Section – 6.2km tunnel length (Metropolitan Electricity Authority) – US\$47M (Approximately)

FUTURE TUNNELLING ACTIVITIES

- Orange Line - West Section – 20.4km long tunnel (Mass Rapid Transit Authority of Thailand)
- Purple Line South – 25.4 km long tunnel (Mass Rapid Transit Authority of Thailand)
- Outgoing Cable Tunnel at Bang Phli Terminal Station – 2.6m diameter,

- 1.2km long tunnel (Metropolitan Electricity Authority)
- Outgoing Cable Tunnel at Bang Sue Terminal Station – 2.6m diameter, 2.6km long tunnel (Metropolitan Electricity Authority)
- Outgoing Cable Tunnel at Lad Phraw Terminal Station – 2.6m diameter, 1.6km long tunnel (Metropolitan Electricity Authority)
- Outgoing Cable Tunnel at Erawan Terminal Station – 3.6m diameter, 5.5km long tunnel (Metropolitan Electricity Authority)
- Khlong Prem Prachakorn Flood Diversion Tunnel – from Khlong Bang Bua to Chao Pha Ya River – 5.7m diameter, 13.5km long tunnel (The Bangkok Metropolitan Administration)
- Khlong San Saeb Flood Diversion Tunnel – from Khlong Lad Praow to Soi Lad Praow 130 – 3.7m diameter, 3.8km long tunnel (The Bangkok Metropolitan Administration)
- Khlong Taweewattana Bottle Neck Flood Diversion Tunnel – 3.7m diameter, 2km long tunnel (The Bangkok Metropolitan Administration)

