Tunnelling & Deep Excavation For Infrastructure In Urban Areas
11 - 12 May 2015, Yangon - Myanmar
Venue: Myanmar Engineering Society Building – Hlaing Campus

Programme

Monday 11 May 2015

09.00 – 09.15: Welcome & Opening – MES & ITACET Foundation representative

Session 1: Open Forum on Urban Infrastructures – Moderator Zaw Zaw Aye

09.15 – 10.00: Urban infrastructure demand in Myanmar – U Hla Baw
10.00 – 10.30: Infrastructures & Socio-economic Development – Harald Wagner
10.30 – 11.00: Coffee break
11.00 – 11.30: Urban Environment - Opportunities & Challenges – Harald Wagner
11.30 – 12.00: Financing Infrastructures - Financial Risk Management – Harald Wagner
12:00 – 12:30: Questions, Answers & Conclusions
12.30 – 14.00: Lunch

Session 2: Design & Construction Methods for Urban Tunnelling

14.00 – 14.45: Types of Excavations and Support – Harald Wagner
14.45 – 15.30: Principles for choice of Construction Methods – Harald Wagner
15.30 – 16.00: Coffee Break
16.00 – 16.45: Conventional Tunnelling – Harald Wagner
16.45 – 17.30: Mechanized Tunnelling – Aphichat Sramoon
17.30 – 17.45: Questions & Answers

Tuesday 12 May 2015

Session 3: Deep Excavations for Underground Structures

09.00 – 09.45: Deep Excavation Methods – Zaw Zaw Aye
09.45 – 10.30: Deep Excavation in Urban Environment – Zaw Zaw Aye
10.30 – 11.00: Coffee Break

Session 4: Geotechnical Instrumentation

11.00 – 11.20: Site Investigation & Geotechnical Baselines – Zaw Zaw Aye
11.20 – 11.50: Geotechnical Instrumentation, Monitoring & Interpretation – Zaw Zaw Aye
11.50 – 12.30: Project & Risk Management – Zaw Zaw Aye – Harald Wagner
12.30 – 14.00: Lunch

Session 5: Project Examples

14.00 – 14.30: TBM Innovations – Stephen Smading (Robbins)
14.30 – 15.00: Tunnelling For Metro – Eckhard Kleine (Herrenknecht)
15.00 – 15.45: Tunnels for Flood Control (e.g.KL's SMART Tunnel, BKK Flood Management Plan) – Aphicat Sramoon
15.45 – 16.15: Coffee Break
16.15 – 17.00: Tunnels for Mass Transit Transport – Southeast Asia Examples – Apichat Sramoon
17.00 – 17.30: Questions, Answers & Conclusions

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