

Sharing experience From Construction of Long Tunnels at Great Depth 20-21 June 2018 – Université de Savoie – Le Bourget du Lac

Objective: Benchmarking and sharing experience on construction of long tunnels around the world

20th June

Session 1: Introduction - The Mont Cenis Base Tunnel project (animation: TELT)

- 09.30 – 09.45 Welcome and Opening (ITA + TELT)
09.45 – 10.15 Overview of long and deep tunnels around the world (S. Pelizza)
10.15 – 11.00 Mont Cenis Base Tunnel project: specific risks to be encountered (M-E. Parisi)
11.00 – 11.45 Case history: Saint Martin La Porte access tunnel – specific solutions chosen to face swelling rock (J. Triclot)
11.45 – 12.30 Case history: La Maddalena exploratory tunnel (E. Fornari)
12.30 - 14.00: Lunch

Session 2: Sharing experience on technical issues (animation: D. Peila)

- 14.00 – 15.00 Specific Technical problems encountered in long and deep tunnels (G.Seingre-WG 17 leader)
15.00 – 15.45 Experience from a recent Asian deep tunnel (Chungsik Yoo)
15.45 – 16.00 Questions and answers
16.00 - 16.30 Coffee Break
16.30 – 17.30 Large and deep caverns- Stress release issues (F. Laigle)
17.30 – 18.15 Logistics Issues: Coordination of Jobsites, Mucking, Supplying etc. (G.Seingre-WG 17 leader)
18.15 – 18.30 Questions and answers

21st June

Session 3: Financial and Contractual Issues (animation: A. Pigorini)

- 09.00 – 09.45 Risk management during construction (P. Grasso)
09.45 – 10.30 Underground construction contracts – overview of worldwide practice (M. Neuenschwander)
10.30 - 11.00 Coffee Break
11.00 – 12.00 Experience from Gothard – Management of risks, cost contingency and lessons learnt (L. Gruber)
12.00 – 12.45 **Round Table ->** Contractual issues – How to manage disputes? (Animation : Andrea Pigorini SIG President)
12.45 - 14.00: Lunch

Session 4: Tunnel Owner's Specific Concerns (animation: M. Deffayet)

- 14.00 – 14.45 Lessons of Brenner regarding environmental impacts and communication around the project (R. Zurlo)
14.45 – 15.30 Health and safety during the management of the project (D. Lamont)
15.30 - 16.00 Coffee Break
16.00 – 16.45 Communication, Mediation, Relation with public authorities (M. Virano)
16.45 - 17.30 **Round Table ->** Management of very large projects (Animation: Michel Deffayet AFTES President)
17.30-18.00 Closing remarks