

Objective : Introduction to the Risk Management process throughout a project cycle from planning, designing, construction and implementation of a tunnel or underground project with specific focus for Owners and Decision Makers, Consulting Engineers, Contractors and others with an interest in risk management activities

Tentative Programme

Day 1

Session 1: Introduction and Overview

- 09.00 – 09.45: Welcome and Opening: ITA and local representatives
- 09.45 – 10.30: Introduction to Risk Management by ITA WG 2 (Time line for Risk Management, Codes and Guidelines)
- 10.30 – 11.00: Coffee Break
- 11.00 – 11.45: Setting the Scene - Examples of what has gone wrong
- 11.45 – 12.30: Introduction to the use of Risk Policy and Risk Acceptance Criteria
- 12.30 – 14.00: Lunch

Session 2: The Tools

- 14.00 – 14.45: The use of Hazard Identification and Risk Registers
- 14.45 – 15.30: Introduction to Risk Management Tools - Fault tree analyses, Event tree analyses, Decision tree analyses
- 15.30 – 16.00: Coffee Break
- 16.00 – 16.45: Qualitative Risk Assessments
- 16.45 – 17.30: Quantitative Risk Assessments
- 17.30 – 18.00: Questions and Answers

Day 2

Session 3: The Parties

- 09.00 – 09.30: Risk Management from a Client's perspective
- 09.30 – 10.00: Risk Management from a Designer's perspective
- 10.00 – 10.30: Risk Management from a Contractor's perspective
- 10.30 – 11.00: Risk Management from an Insurer's perspective
- 11.00 – 11.30: Coffee Break
- 11.30 – 12.30: Round Table: the boarder lines between the parties.
- 12.30 – 14.00: Lunch

Session 4: Procurement and Contractual Aspects

- 14.00 – 14.45: How to implement Risk Management in the procurement process for selection of a Contractor based on an evaluation of the most economical advantageous bid
- 14.45 – 15.30: Contractual requirements to implement a systematic risk management process into a tunnel contract
- 15.30 – 16.00: Coffee Break
- 16.00 – 16.45: Example 1 of the full risk management process
- 16.45 - 17.30: Example 2 of the full risk management process
- 17.30 – 18.00: Summary and Closing of the Seminar