

Objective: Information for Engineers and Decision makers on the Waterproofing for Tunnels and, in particular, for the long undersea tunnels.

Tentative Programme

Day 1

Session 1: Introduction and Overview

- 09.00 – 09.45: Welcome and Opening: ITA and concerned country representatives
- 09.45 – 10.30: General presentation of the waterproofing question by ITA WG 11 (immersed tunnels – waterproofing of segments) and 12 (sprayed concrete)
- 10.30 – 11.00: Coffee break
- 11.00 – 11.45: Overview of Waterproofing Methods and Case Histories – 1st Part: Injections, Pregrouting
- 11.45 – 12.30: Overview of Waterproofing Methods and case Histories – 2nd part: Membrane Sheets, Sprayed Concrete
- 12.30 – 14.00: Lunch

Session 2

- 14.00 – 14.45: Contractual Aspects, liability and costs
- 14.45 – 15.30: Fire protection during Construction and consequences during Operation
- 15.30 – 16.00: Coffee break
- 16.00 – 16.45: Example 1
- 16.45 – 17.30: Example 2
- 17.30 – 18.00: Questions and Answers and Closing of the 1st Day

Day 2

Session 3

- 09.00 – 09.45: View of Consulting Engineers on the choice of the waterproofing method
- 09.45 – 10.30: View of Contractors on the implementation of the waterproofing treatment
- 10.30 – 11.00: Coffee break
- 11.00 – 11.45: View of TBM manufacturers on the ground treatment ahead of the front
- 11.45 – 12.30: View of Material and Products Manufacturers
- 12.30 – 14.00: Lunch

Session 4

- 14.00 – 15.30: Technical choices - list of criteria: Discussion, led by concerned country representative
- 15.30 – 16.00: Coffee Break
- 16.00 – 16.45: Example 3
- 16.45 – 17.30: Example 4
- 17.30 – 18.00: Close Up technical Summary and Closing