



Urban Underground Space Use 1-day program

Zagreb, Croatia 03 December 2013

Venue: to be confirmed

Objective:

Urban underground space use is rapidly increasing worldwide as a means of accommodating better infrastructure and new urban facilities in major and historic urban centers. The objective of this course is to provide a broad introduction to the use of underground space in urban areas and the benefits of planning for such use. Also included will be a review of the key issues that control the design and successful use of underground facilities. Many international project examples and exemplary underground planning activities will be referenced.

Tuesday 03 December 2013

- 08.00 – 09.00: Registration
- 09.00 – 09.30: Welcome & Opening – H. Admiraal & A. Cornaro
- 09.30 – 10.30: Rationale & History of Underground Space Use with worldwide examples – H. Admiraal
- 10.30 – 11.00: Break
- 11.00 – 12.00: Urban Mass Transport Underground – A. Cornaro & H. Admiraal
- 12.00 – 12.45: Construction Influences on Underground Space in Soil & Rock – H. Admiraal
- 12.45 – 14.00: Lunch
- 14.00 – 14.45: Building Facilities Underground: Design & Operational Issues – H. Admiraal
- 14.45 – 15.30: Legal, Administrative & Cost Issues – H. Admiraal
- 15.30 – 16.00: Break
- 16.00 – 16.30: Planning Issues for Urban Underground Space (Including Sustainability & Resiliency) – A. Cornaro
- 16.30 – 17.00: Worldwide examples of best practice in Planning Urban Underground – A. Cornaro
- 17.00: Course wrap up / Questions & Answers

01/10/2013