

**Planning, construction and operation
of common Utility corridors
Draft Programme**

Day 1-March 13th: Opening and fundamentals: (9.30 -14.30 Riyadh local time)

09.30 - 09.45 : Welcome and opening of the training event

09.45 - 11.00 : Definition and characteristics of each major utility type (water, sanitary sewer, storm water, gas, electric, telecommunications, information, heating, cooling, refuse removal ...)

11.00 - 12.00 : Fundamentals in micro tunnelling (methods, new developments)

12.00 - 12.30 : Break

12.30 - 13.30 : Urban approach - Functional requirements for common utility

13.30 - 14.30 : Design of utility tunnels

Day 2-March 14th: Case studies – experience sharing on utility corridors (9.30 - 14.30 Riyadh local time)

09.30 - 10.30 : Experience from Prague

10.30 - 11.30 : Experience from France

11.30 - 12.00 : Q/A

12.00 - 12.30 : Break

12.30 - 13.30 : Experience from Singapore

13.30 - 14.30 : Experience from Germany

Day 3-March 15th: decision-making, operation and financing (9.30 -14:30 Riyadh local time)

09.30 - 10.30 : Benefits and drawbacks of common utility placement

10.30 - 11.30 : Operation and maintenance issues

11.30 - 12.00 : Q/A

12.00 - 12.30 Break

12.30 - 13.30 : Management and financing issues

13.30 - 14.30 : Q/A and closing remarks