



Underground Space Use

21 March 2018

Nigeria - Abuja

Objective: Introduction for engineers, architects, planners and public administrators to the use of underground space to increase liveability and sustainability in urban areas and in other key public resource regions. The seminar will identify key issues that need to be considered when using underground space and will show how these key issues are dealt with on a worldwide basis.

Session 1: Introduction and Overview of the main issues

09.00-09.15: Welcome and Opening: ITA and concerned country representatives

09.15-10.00: Advantages and disadvantages of underground solutions

10.00-10.45: Solutions and missed opportunities for underground projects

10.45-11.15: Coffee Break

11.15-12.00: The key stakeholders and their role and responsibilities

12.00-12.45: The main stages in a tunnel project management

12.45-13.00: Questions and answers

13.00-14.00: Lunch

Session 2: Organisation and planning

14.00-14.45: Sustainability and resiliency issues

14.45-15.30: Underground utilities and services in urban areas

15.30-16.00: Coffee Break

16.00-16.30: Case study 1: Example of a metro network management

16.30-17.00: Case study 2: Microtunnelling and underground service network

17.00-17.30: Discussion and closing Remarks