

# COMMON UTILITY TUNNELS

## PLANNING, CONSTRUCTION, MAINTENANCE, REHABILITATION

Two day training session Sunday 09 – Monday 10 February 2014  
Toaque palace – Diplomatic Quarter – RIYADH (KSA)

**Host:** H.E Eng. Abdullah Al-Mogbel, Mayor of Riyadh

**Lecturers:** Charles-Edouard Delpierre (F). Jan Sochurek (CZ)  
Bodo Kern (A). Ciaran Mahood(AT)

**AN INFORMATION FOR ENGINEERS, ARCHITECTS, PLANNERS AND PUBLIC ADMINISTRATORS  
ON THE BENEFITS AND LOGISTICS INVOLVED IN THE USE OF COMMON UTILITY TUNNELS IN  
URBAN AREAS.**

SITUATION IN **SAUDI ARABIA CITIES** · LOCAL  
CONTEXT · **OBJECTIVES** AND SPECIFIC NEEDS  
· OVERVIEW · DEFINITION · **EXAMPLES** ·  
MAJOR UTILITY TYPE · **DESIGN** APPROACH ·  
CONTAINER · **PROS AND CONS** · SEPARATE  
UTILITIES · COMBINED UTILITIES · **DECISION**  
MAKING · **SAFETY** · FINANCING · PROJECT  
**MANAGEMENT** · JOINT OPORTUNITIES · DESIGN  
ISSUES · MAINTENANCE · **REHABILITATION** ·  
OPERATIONAL ISSUES · **CASE STUDIES** ·  
**CONSTRUCTION METHODS** · CONSTRUCTION  
TECHNOLOGIES · **OPEN DISCUSSION**

**FULL PROGRAM AND REGISTRATION: [www.itacet.org](http://www.itacet.org)**

ITACET Foundation c/o Epfl - 1015 Lausanne, Switzerland  
secretariat@itacet.org | Tel. ++41 21 693 08 67

Organised by the Municipality of Riyadh and the ITACET Foundation