



Training Programme on Automated Metros

Target Audience	<ul style="list-style-type: none">• Professionals directly involved in metro automation projects and eager to learn more from international best practice• Staff from public transport operators or authorities which run, build or plan to build automated metro line(s)• Staff from the industry involved in the design and manufacturing of automated metro infrastructure, vehicles and technology• Professionals seeking a first introduction to automated metros• Transport engineers and planners, Policy advisors, Employees of Consulting and Contracting Firms
Duration	3 Days
Programme Topics	<ul style="list-style-type: none">• Definition of metro automation: Classification (APM, monorail, driverless light/heavy train), typology of systems, overview of (automatic) metro systems worldwide, trends & challenges, Added-value of innovations for operators and customers• Business model and tendering strategies: from the specification stage to contract Management• Project Management for Automated Metro Lines: Planning, Design and Construction• The Human Factor in automated metro lines• Customer service: managing passengers in an automated metro line• Upgrade of conventional lines into Automated Metros• Operation and Maintenance of Automated Metros

All training content, format, methodologies and length can be customized to the company's needs and interests.



Objectives	<ul style="list-style-type: none">• Broaden your knowledge and understanding of the current situation and future trends in metro automation• Get an insight about implementation, operation and maintenance of automated metros• Learn from the experience of the RATP in Paris of converting a traditional metro line to an automated one• Apply learnings during workshops using business and project management case scenarios
Methodology	<ul style="list-style-type: none">• Presentation of good practice examples by experts and students• Participate to interactive plenary sessions with introduction by course leaders, presentation by the trainer and open discussion with participants• Apply, through workshops, project management tools and business scenarios• Share your knowledge and experience with other participants in smaller groups
Trainers	<ul style="list-style-type: none">• Top-level transport and mobility professionals with extensive experience in automated metro management and operations from different regions of the world.• Members of the UITP Observatory of Automated Metros; a unique group gathering the world's leading operators with experience in Unattended Train Operation. This group, funded in 2007, exchanges best practices in key issues affecting automated metro operation and monitors the global evolution and trends on this field.

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