

# PROJECT MANAGEMENT FOR TRANSPORT INFRASTRUCTURE

*“Empowering Leaders to Build the Future of Transport Infrastructure”*

## Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

## Introduction

The Project Management for Transport Infrastructure (PMTI) course is an advanced and comprehensive training program designed to equip professionals with the essential skills and practical knowledge required to manage, plan, and deliver modern transport infrastructure projects. In an era marked by rapid technological advancements and growing urban mobility demands, the ability to deliver efficient, sustainable, and future-ready transport systems has become more critical than ever.

This program provides participants with a deep understanding of the entire project management cycle — from the concept of operations (CONOPS) to project planning, execution, completion, and benefit realization. Through a blend of theoretical frameworks, real-world case studies, and interactive workshops, the course bridges the gap between global best practices and local implementation challenges. Participants will engage in collaborative exercises, learn from international examples, and acquire the competencies needed to manage resources, ensure governance, and meet strategic infrastructure goals effectively.

The PMTI course serves as a valuable platform for project managers, planners, engineers, and decision-makers in the transportation sector who aim to enhance their leadership capabilities and technical expertise. It ultimately prepares them to respond to evolving infrastructure needs and deliver projects that contribute to sustainable national development.

## Objectives

By the end of the course, participants will be able to:

- Enhance knowledge of transport infrastructure projects and enable project managers to successfully achieve delivery objectives
- Explain network vision and critical strategies needed to achieve project objectives
- Demonstrate key aspects of Transport Infrastructure Project Management from the concept of operation (CONOPS) to project delivery, finalization and benefit management
- Explain the necessary tools that could be effectively used to manage transport projects successfully
- Gain knowledge of project management principles, best practices and methodologies to achieve outcomes
- Describe and demonstrate the importance of project governance and assurance processes

## Why Attend

Rapid changes in modern technology are driving Transport Infrastructure Managers around the world to build on their knowledge, in order to deliver transport systems that meet current and future infrastructure requirements. This Project Management for Transport Infrastructure (PMTI) course is an intensive training program, exclusively designed to assist managers responsible for managing and delivering transportation and road infrastructure projects. Participants will develop their skills and responsiveness on all key stages of Transport Infrastructure Project Management, such as the concept of operation (CONOPS), project planning, delivery, finalization and benefit management. This course will facilitate knowledge sharing through group workshops, using global project delivery examples. Day to day practical project experiences and team exercises will allow participants to engage and be better equipped to manage the delivery and processes of infrastructure projects. The primary aim of this course is to broaden the perspective of participants and highlight the necessary tools needed to successfully manage transport and infrastructure projects.

## Target Audience

This course is an intensive training program exclusively designed to assist project managers, planners, project engineers and senior managers responsible for making decisions and delivering or managing transportation projects.

## Individual Benefits

Participants who complete the Project Management for Transport Infrastructure (PMTI) course will gain a wide range of professional and personal development benefits, including:

- **Enhanced Project Management Skills:** Develop a comprehensive understanding of project management principles and how to apply them in complex transport infrastructure projects.
- **Improved Decision-Making Abilities:** Gain the confidence to make informed and strategic decisions that align with project goals, timelines, and budgets.
- **Technical and Analytical Expertise:** Strengthen technical capabilities in planning, risk assessment, and performance evaluation using global methodologies and tools.
- **Leadership Development:** Build leadership and communication skills essential for managing multidisciplinary teams and stakeholders.
- **Career Advancement:** Attain a recognized certification that adds value to professional credentials and opens new career opportunities in the infrastructure and transportation sectors.
- **Global Perspective:** Learn from international case studies and examples that broaden participants' understanding of best practices in transport infrastructure management.

## Organizational Benefits

Organizations that nominate their employees for the PMTI course will experience measurable improvements in performance, efficiency, and project delivery outcomes. Key organizational benefits include:

- **Enhanced Project Delivery:** Equip teams with the tools and knowledge to deliver transport infrastructure projects on time, within budget, and to the required quality standards.
- **Strategic Capability Building:** Strengthen the organization's capacity to plan, manage, and implement large-scale infrastructure programs effectively.
- **Improved Governance and Compliance:** Ensure adherence to best practices, governance frameworks, and regulatory standards throughout the project lifecycle.
- **Resource Optimization:** Enable better allocation and utilization of financial, human, and material resources for maximum impact.
- **Innovation and Sustainability:** Foster innovation through exposure to global trends, sustainable transport solutions, and smart infrastructure technologies.
- **Organizational Reputation:** Enhance institutional credibility by demonstrating commitment to professional development and excellence in project management.

## Instructional Methodology

The Project Management for Transport Infrastructure (PMTI) course adopts an interactive, experiential, and participant-centered learning approach to ensure maximum engagement and knowledge retention. The instructional methodology includes:

- **Interactive Lectures:** Expert-led sessions providing theoretical knowledge, key frameworks, and practical insights into transport infrastructure project management.
- **Case Studies and Best Practices:** Analysis of successful international and regional transport projects to demonstrate practical applications of project management principles.
- **Group Workshops:** Hands-on exercises designed to simulate real-world project challenges and promote teamwork, collaboration, and problem-solving skills.
- **Scenario-Based Learning:** Realistic project scenarios that encourage critical thinking and decision-making under complex conditions.
- **Tools and Techniques Demonstration:** Introduction to modern project management tools, software, and analytical techniques used in planning and monitoring infrastructure projects.
- **Peer Learning and Discussions:** Open forums and discussion sessions that allow participants to share experiences and build professional networks.
- **Assessment and Feedback:** Continuous evaluation through group assignments, presentations, and performance feedback to reinforce learning outcomes.

## Course Outline

### Transport and Road Infrastructure Project Management

- Importance of network vision and strategic transport planning
- Understanding transport and road infrastructure project management
- Importance of early communication and stakeholder management
- Infrastructure project life cycle and asset management
- Sustainable transport policy and its role in project and program management
- Infrastructure project financing and delivery options

### Establishing and Managing an Infrastructure Project-Part A

- Establishing a transport infrastructure project
- Identification and use of best project management practice (Prince2, Agile, PMBOK, OnQ, etc.)
- Establishing and leading the project team
- Project planning (PID/Mandate / Preliminary business case)
- Effective project planning to strengthen project management competencies
- Developing a concept of Operations (CONOPS) / Blue Print
- Project approvals

### Establishing and Managing an Infrastructure Project-Part B

- Request for information (RFI) or Market Testing and expression of interest (EOI)
- Project procurement
- Project scheduling and milestone management
- Project risk management
- Probity and ethics
- Project monitoring and control reporting

### Infrastructure Project and Program Governance

- Understanding the concepts of infrastructure finance and the use of special purpose vehicles
- Alternative financing plans such as commercial and financial structuring of Public Private Partnerships
- Difference between infrastructure financing and funding and the challenges in raising finance
- Project and program governance
- Achieving value for money in a constrained economic environment
- Collaborative professional networking for continuous project management

### Project Finalization and Benefit Management

- Importance of project finalization
- Constructed designs
- Project close-out
- Project benefit management
- Key learning and concepts
- Way forward

## Certification

Upon successful completion of the Project Management for Transport Infrastructure (PMTI) course, participants will be awarded an International Certificate of Achievement in Project Management for Transport Infrastructure.

## Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

<p><b>In-House / Customized Training</b></p> <p>Interested in running this course for your team?</p> <p>Please contact us:</p>	<p>TEL:</p> <p><b>+601116373203</b></p>	<p>EMAIL:</p> <p><b>info@mawaevents.net</b></p>
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