



PROJECT MANAGEMENT FOR INFRASTRUCTURE PROJECTS

GENERAL INFORMATION

 **PARIS, FRANCE**

 **1 WEEK**
5 BUSINESS DAYS

TRAINING OBJECTIVES

- Gain an understanding of the entire design cycle for major infrastructure projects
- Identify the various stakeholders within the project owner's organization and master the tools needed to coordinate their activities
- Understand the internal organization of a project owner's organization in order to ensure effective project management tailored to the challenges at hand
- Better understand the technical and operational constraints faced by contractors

TERMS OF ADMISSION

- Coffee breaks and lunches included throughout the entire training program
- Social activities and cultural excursions in Paris
- Coverage of Paris public transportation costs (metro, RER, bus)
- Minimum of 6 participants required

TARGET AUDIENCE

- Project managers and coordinators responsible for infrastructure project management
- Operations managers on large-scale projects
- Technical executives involved in the oversight and management of major projects



EDUCATIONAL PROGRAM

1 Challenges and Unique Characteristics of Major Infrastructure Projects

- Management of complex contracts: PPPs, public service delegation agreements (DSPs), concessions, etc.
- The large number and diversity of stakeholders involved
- Tools and methods for cost control
- Application of QHSE standards during the design and implementation phases
- Communication strategies and conflict management mechanisms
- Case Studies

2 Preparatory Steps for Infrastructure Projects

- Review of the fundamental principles of project management
- Development of the project's business model
- Definition of objectives consistent with national development strategies
- Feasibility studies: regulatory framework, administrative and legal constraints, timelines, risk analysis, impact assessments
- Conducting preliminary technical studies
- Detailed front-end engineering design (FEED)
- Case Studies

3 Project Implementation: Contractual Arrangements and Execution

- Defining the contracting strategy and selecting procurement procedures
- Overview of the D&B (Design & Build) and EPC (Engineering, Procurement, Construction) approaches
- Organization of key stakeholders: Project Owner, Project Manager, EPC Contractor
- Development of the project plan, cost control, and risk management
- Monitoring of the project manager's and contractors' performance: work supervision, steering committees, reporting, and dispute resolution
- Case Studies

