Project Execution

INTRODUCTION

- Many organisations execute a wide range of projects and often struggle to implement a consistent approach to project execution, thereby ensuring sustainable project success. The right project execution methods and approaches will ensure the right deliverables, right output, right outcome, right benefit, and right value creation for organisations, enhancing their competitive advantage and leveraging their market position. Design integrity, sustainable procurement routes, constructability and initial start-up of projects are underpinned by successful project execution methods.
- The outcomes of project front-end studies are essential inputs when identifying the best risk-reward sharing mechanisms during the procurement, construction, commissioning, and start-up phases. The design phase, which feeds into the procurement and construction phases, will ensure any errors and gaps are identified as early as possible, so as to enhance project execution and preparedness for start-up activities.
- This highly-interactive Project Execution training course will focus on how to achieve a flawless project execution. Delegates will be able to clearly connect between the design and start-up phases through value led procurement and efficient construction when executing projects.

This training course will highlight:

- Understanding the principles and fundamentals of Project Execution methods and approaches
- Awareness of the requirements for integrating Design, Procurement, Construction and Start-up phases in a structured approach
- Appreciation of industry-wide recognised Project Management Frameworks and Standards for Project Execution
- Recognition and understanding of how to manage the Design, Procurement, Construction and Start-up phase expectations effectively and successfully
- How to execute Design, Procurement, Construction and Start-up phases taking a collaborative approach within the overall project life-cycle
- How to use and apply consistently project execution processes, tools, and techniques

OBJECTIVES

- This 5-day Project Execution training course will enable delegates to master the process of project execution through well-structured project management governance and improve their ability to seamlessly control projects through the Design, Procurement, Construction, and Start-up phases by learning how to apply effective project management techniques.

At the end of this training course, you will learn to:

- Know how to execute a project successfully
- Appreciate how to execute the Design, Procurement, and Construction phases and ensure successful Start-up using a structured phase-by-phase project execution approach
- Effectively identify gaps and omissions in the Design, Procurement, Construction, and Start-up phases
- Understand how to manage the requirements and expectations at various interfaces during project execution
- Apply Key Performance Indicators and Success Criteria for an effective project execution
- Manage seamless coordination and transition from Design through to Procurement, Construction, and Start-up phases

TRAINING METHODOLOGY

- This Project Execution training course will be delivered using current Project Management frameworks and standards transferable to any industry, sector, and domain for successful project execution. Project execution success examples and case studies will be used. A coaching approach will be taken throughout this training course delivery.
- Participants will be coached and guided through the complete project life-cycle, learn, and become familiar with the project execution terminologies, definitions, processes, process groups, tools and techniques. This will include learning how to manage the various stakeholder interfaces through the Design, Procurement, Construction and Start-up phases.

ORGANISATIONAL IMPACT

Organisations will be able to expand and enhance their capacity in effective and successful project execution by:

- Improved and sustainable project execution capabilities
- Coordinated and harmonised tasks, interfaces, and execution processes across multiple projects
- Improved consistency in project execution methods
- Successful resource prioritisation and optimisation during project execution

PERSONAL IMPACT

Delegates will be able to increase their skill sets and competencies in:

- Project execution across the Design, Procurement, Construction, and Start-up phases
- Understanding the clear characteristics of risk during project execution
- How to execute projects using a structured approach and linking effectively and successfully between all project phases, deliverables, and outcomes
- Applying project execution tools and techniques effectively
- Gap analysis and mitigation between planning and resource optimisation to ensure efficient project executability
- Developing high quality stage-gate decisions and criteria during project execution

WHO SHOULD ATTEND?

This training course is suitable to a wide range of professionals but will greatly benefit:

- Professionals from any discipline, sector, or industry aspiring to learn about project execution fundamentals and principles
- Project Professionals / Project Managers / Project Teams / Project Executives
- Project Design Teams
- Business-As-Usual Teams / Operations Executives
- Any Departmental or Functional Professionals and Teams
- Consulting / Contracting / Procurement Department Professionals and Teams
- Any aspiring and would-be Project Management Professionals of any phase of the project life-cycle from design through to start-up

Course Outline

Project Execution Fundamentals

- Project Execution Nuts and Bolts - Why we are still not getting it right?
- Phase by Phase Approach for Project Execution
- Industry recognised Project Execution Tools and Techniques
- Current Gaps and Challenges in Project Execution
- Hard and Soft Issues in Project Execution

Design Phase and Impact to Project Execution

- Pre-Project Planning Studies
- Gap Identification and Analysis during Project Initiation and Conceptualization Phase
- How The Design Phase will influence the likelihood of Project Execution Success
- Key Considerations to ensure Design Phase Integrity
- Key Performance Indicators and Success Criteria For The Design Phase

Procurement Phase and Impact to Project Execution

- Different Types of Procurement Route and their Impact on Project Execution
- Effective Risk and Reward Sharing Mechanism to Enhance Project Execution
- How The Procurement Phase will Influence the likelihood of Project Execution Success
- Key Considerations to Ensure Procurement Phase Integrity and Feasibility
- Key Performance Indicators and Success Criteria For The Procurement Phase

Construction Phase and Impact to Project Execution

- Constructability and Where there are Existing Gaps
- Why Constructability is Still A Challenge For Many Organizations?
- How to Overcome These Challenges during Project Execution
- Construction Phase Key Performance Indicators and Success Criteria
- Effective Control and Monitoring Tools and Techniques during the Construction Phase

The Start-Up Phase

- Bringing It Together - The Design, Procurement and Construction Phases to Ensure Successful Start-Up
- Managing the Interfaces in the Project Life Cycle to Enhance Project Execution Success Rate
- Pre-commissioning, Commissioning and Initial Start-Up Gaps and Challenges
- Enhancing the Preparedness and Readiness Level of The Asset or Plant
- How the Project Execution Success will Influence the Likelihood of Successful Start-Up
- Key Considerations to Ensure Start-Up Phase Integrity and Feasibility
- Key Performance Indicators and Success Criteria For the Start-Up Phase