

# Project Management for Energy Professionals

Boosting Productivity through Improved  
Project Management

25 - 29 Jul 2022	Dubai	US\$ 4,350
12 - 16 Sep 2022	Dubai	US\$ 4,350
19 - 23 Dec 2022	Dubai	US\$ 4,350
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## About the Course

Project Management is the application and use of knowledge, skills and techniques to deliver value to the organisation and the customer. For example, building a new power station, enhancing an existing business process, constructing a building, and expanding sales into a new market are all examples of projects.

The changing nature of work due to technological advances, globalisation, and other factors means that most of the work within the organisation is organised around projects, with teams being brought together based on the skills needed to complete the project work. Learning the concepts and principles of project management science is no longer an option and has become a mandatory skill in every organisation. It is now widely acknowledged that a fundamental knowledge of project management science will provide value to people with various roles in a vast range of endeavours.

This Project Management for Energy Professionals training course will provide the delegates with the required knowledge, information, tools, and techniques to successfully manage their projects and achieve the organisation's strategic objectives. The course will illustrate the different methodologies to manage the project, such as the predictive, adaptive and hybrid methodologies to ensure maximum value realisation. It will focus on the energy sector and how to implement the project management concepts in this industry.

## Core Objectives

The delegates will achieve the following objectives:

- Define the fundamental principles of project management
- Explain the importance of the project management field
- Apply and use different techniques to form and lead the project team
- Analyse and differentiate between different tools and techniques to plan, execute, monitor & control, and close the project
- How to tailor the project management concepts in the energy industry

## Training Approach

This training course will contain an interactive discussion and case studies and highlight the techniques available to the delegates, which includes different techniques such as pre and post-exams to assess the delegates' knowledge and to be familiar with the exam questions, and to know the real-world example to illustrate the concept and principles. Exercises to implement the learned concepts, Interactive discussion to enable information and knowledge sharing between the participants, and group activities to implement different tools and techniques.

## The Attendees

Likewise, it will be valuable to the professionals but not limited to the following:

- Operation Managers and Team
- Administration Teams
- Business and System Analyst
- Operation Managers
- Health and Safety Professionals
- Department Heads (Sales, Marketing, Finance, etc. ....)
- Anyone interested in Project Management

# DAILY DISCUSSION

## DAY ONE

### INTRODUCTION AND KEY CONCEPTS OF PROJECT MANAGEMENT IN THE ENERGY INDUSTRY

- What is Project and Project Management?
- Why do we need project management?
- Methodologies and Standards of Project Management
- Who is the Project Manager?
- The role of the Project Manager
- Key skills of a Project Manager
- Internal And External Factors
- Project management in the Energy Sector

## DAY TWO

### AGILE AND PREDICTIVE PROJECT MANAGEMENT IN THE ENERGY INDUSTRY

- What is predictive project management?
- Agile Project Management
- How to select the project management Approach?
- Project Management Domain
- Principles of Project Management
- Agile Mindset and Values
- The 12 Principles of Agile

## DAY THREE

### INITIATING AND PLANNING PROJECT USING A PREDICTIVE APPROACH IN THE ENERGY INDUSTRY

- Project Charter and its Importance
- Project Stakeholders and Communication
- Developing WBS
- Developing the Project Schedule
- Determining the Project Budget
- Project Communication
- Introduction to Contract Management
- Project Procurement

## DAY FOUR

### CONTROLLING AND CLOSING THE PROJECT IN THE ENERGY INDUSTRY

- What is monitoring and controlling?
- The concepts of Earned Value Management (EVM)
- EVM Variances and Index
- Developing earned Value Management Reports
- Closing the Project
- Types of Project Closing
- Preparing the Final Report

## DAY FIVE

### AGILE PROJECT MANAGEMENT USING SCRUM

- Principles of Scrum
- Scrum Activities
- Scrum Roles
- Scrum Artifacts
- Product Backlog
- Sprint Planning
- Agile Estimating