



*Training Course:
Maximizing Value in E&P Projects: Advanced
Value Management*

*21 - 25 December 2026
Kigali (Rwanda)*

Training Course: Maximizing Value in E&P Projects: Advanced Value Management

Training Course code: MA2000 From: 21 - 25 December 2026 Venue: Kigali (Rwanda) - Training Course Fees: 6350 € Euro

Introduction

The E&P Projects Value Management Training program is a comprehensive and advanced training course designed to equip professionals in the exploration and production E&P industry with the knowledge, methodologies, and tools necessary to effectively manage and maximize the value of E&P projects. The program aims to enhance participants' skills in identifying, quantifying, and optimizing project value throughout the project lifecycle. By implementing value management practices, participants will be able to make informed decisions, improve project outcomes, and drive organizational success in the challenging and dynamic E&P sector.

Objectives:

By the end of this program, participants will be able to:

- Understand the importance of value management in E&P projects and its impact on success, cost, and risk
- Learn the fundamental principles and methodologies of value management
- Apply advanced value analysis and optimization techniques to enhance project efficiency
- Integrate value management with risk assessment, economic evaluation, and decision analysis
- Gain proficiency in value management tools and software for project planning and optimization
- Apply value management practices to real-world E&P project scenarios through case studies and exercises
- Enhance decision-making skills to align project objectives with organizational goals and maximize value

Target Audience

The E&P Projects Value Management Training program is designed for professionals working in the exploration and production sector, including but not limited to:

- Project Managers and Team Leaders
- Technical and Engineering Professionals
- Cost Estimators and Financial Analysts
- Risk Management Specialists
- Planning and Scheduling Personnel
- Decision-makers and Executives involved in E&P projects.

Outline

Day 1: Foundation of E&P Projects Value Management

Session 1: Introduction to E&P Projects Value Management

- Importance of value management in E&P projects
- Key challenges and opportunities in value management

Session 2: Value Management Fundamentals

- Definition of value and its components
- Value management framework and process
- Value management roles and responsibilities

Session 3: Value Identification and Quantification

- Identifying value drivers in E&P projects
- Techniques for quantifying project value
- Value metrics and performance indicators

Day 2: Value Analysis and Optimization

Session 4: Value Engineering Techniques

- Advanced value engineering principles and methodologies
- Function analysis and value improvement strategies
- Value engineering workshops and exercises

Session 5: Risk Management and Value

- Advanced risk management concepts and methodologies
- Quantitative risk analysis techniques
- Value-based risk management strategies

Session 6: Economic Evaluation and Decision Analysis

- Cost-benefit analysis and economic evaluation techniques
- Decision trees and probabilistic analysis
- Multi-criteria decision analysis for value optimization

Day 3: Advanced Value Management Tools

Session 7: Value-based Performance Measurement

- Advanced performance measurement frameworks
- Earned value analysis and value tracking
- Value-based key performance indicators KPIs

Session 8: Value Management Software and Analytics

- Introduction to advanced software tools for value management
- Cost estimation and project optimization software
- Monte Carlo simulation for value analysis

Session 9: Value Management Integration

- Integration of value management with project management processes
- Value management in project governance and control
- Value management as part of an integrated project team

Day 4: Applying Value Management in E&P Projects

Session 10: Value Management in Project Planning

- Value management in project scope definition
- Front-end loading and concept selection
- Value-based project planning and scheduling

Session 11: Value Management in Execution and Monitoring

- Value management during project execution
- Performance measurement and value tracking

- Value management reviews and audits

Session 12: Case Studies and Best Practices

- Analysis of advanced real-world E&P project case studies
- Best practices in value management implementation
- Lessons learned and success factors

Day 5: Value Management Implementation and Continuous Improvement

Session 13: Value Management Implementation Strategies

- Strategies for implementing value management in organizations
- Overcoming implementation challenges and resistance
- Change management considerations

Session 14: Continuous Improvement and Value Culture

- Establishing a culture of value management within the organization
- Continuous improvement techniques for value management
- Benefits realization and capturing lessons learned

Session 15: Final Project and Program Wrap-up

- Participant presentations of value management projects or initiatives
- Program review and recap of key learnings
- Q&A session, participant feedback, and evaluation

Registration form on the Training Course: Maximizing Value in E&P Projects: Advanced Value Management

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