



HARNESS THE POWER  
OF KNOWLEDGE

# Exploration-Development Project Operations Process and Management

TRAIN



**Introduction:**

This 5-day professional training course will provide you with a comprehensive understanding of the Exploration-Development Project Operations Process and Management (EDPOM).

Designed for experienced E&P professionals, this course will delve into the complexities of EDPOM, covering every aspect from planning and execution to risk management and optimization.

**Course Objectives:**

By the end of this course, you will be able to:

- Thoroughly grasp the project management framework and its significance in the oil and gas industry
- Effectively plan and manage project management phases, including exploration, development, and production
- Apply advanced exploration and development techniques to maximize project success
- Optimize project management performance by implementing cost-control measures and value engineering strategies
- Mitigate risks and ensure project success through a robust risk management framework

**Course Agenda:****Day 1: Introduction to E&P Project Operations**

- Overview of E&P project operations and their importance in the oil and gas industry
- Key elements of E&P project operations, including planning, execution, control, and evaluation
- Understanding the different phases of E&P project operations and their interdependencies
- Introduction to project management principles and methodologies applicable to E&P projects

**Day 2: Exploration Phase Operations**

- Advanced geophysical and geological exploration techniques for identifying potential hydrocarbon reservoirs
- Reservoir characterization and evaluation methods to assess reservoir potential
- Well planning and drilling operations for effective exploration and wellbore placement
- Data analysis and interpretation techniques to extract valuable information from exploration data

**Day 3: Development Phase Operations**

- Reservoir simulation and modeling to optimize production strategies
- Well completion and production optimization techniques to maximize hydrocarbon recovery
- Facilities design and construction principles for efficient and safe E&P operations
- Environmental impact assessment and mitigation measures to minimize environmental footprint

**Day 4: Production Phase Operations**

- Production planning and scheduling strategies to optimize production rates and revenue
- Artificial lift methods and technologies for enhanced oil recovery
- Flow assurance and transportation systems for efficient hydrocarbon transport
- Production monitoring and control techniques to ensure operational safety and efficiency

**Day 5: Risk Management and Project Optimization**

- Risk identification, assessment, and mitigation strategies for E&P projects
- Uncertainty quantification and probabilistic modeling to incorporate uncertainty into project planning
- Contingency planning and crisis management techniques to address unforeseen events
- Value engineering and performance improvement strategies to optimize project costs and deliverables
- Key factors contributing to E&P project success and lessons learned from successful projects

**Who Should Attend:**

This course is designed for:

- Experienced E&P professionals seeking to enhance their project management knowledge and skills
- Engineers, geologists, and geophysicists involved in project management execution and management
- Project managers and decision-makers responsible for project management success
- Individuals aspiring to specialize in project management within the oil and gas industry

**Course Benefits:**

- Gain in-depth knowledge of project management planning, execution, optimization, and risk management
- Develop advanced skills in managing complex E&P projects and ensuring project success
- Enhance your ability to mitigate risks and optimize project costs and deliverables
- Stay at the forefront of project management best practices and technologies
- Earn a prestigious certificate of completion from Global Business Minds, a recognized leader in oil and gas professional training.