



*Training Course:  
E&P Value Chain and Business Fundamentals*

*2 - 6 November 2026  
Kigali (Rwanda)*

## Training Course: E&P Value Chain and Business Fundamentals

Training Course code: SC236538 From: 2 - 6 November 2026 Venue: Kigali (Rwanda) - Training Course Fees: 6875 € Euro

### Introduction

The Exploration and Production E&P sector forms the foundation of the oil and gas industry, encompassing activities from hydrocarbon exploration and resource evaluation to field development, production, and asset management. Understanding the E&P value chain is essential for professionals seeking to enhance business performance, optimize decision-making, and maximize value creation in a highly competitive and evolving energy landscape.

This program provides participants with a comprehensive understanding of the upstream oil and gas business, covering technical, operational, commercial, financial, and strategic aspects of the E&P value chain. The course bridges the gap between technical operations and business management, enabling participants to make informed decisions that contribute to organizational success.

### Objectives

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

- Understand the structure and components of the E&P value chain.
- Explain the key activities involved in exploration, appraisal, development, and production.
- Identify the operational, commercial, and financial drivers of E&P performance.
- Analyze the economics of upstream oil and gas projects.
- Evaluate investment opportunities and business risks in E&P operations.
- Understand contracts, fiscal regimes, and commercial frameworks in the petroleum industry.
- Assess the impact of digital transformation, sustainability, and energy transition on E&P businesses.
- Apply strategic business principles to enhance value creation and asset performance.

### Target Audience

- Petroleum Engineers
- Geologists and Geophysicists

- Production and Operations Engineers
- Asset and Field Managers
- Finance and Commercial Professionals
- Business Development Specialists
- Project Managers
- Procurement and Supply Chain Personnel
- Government and Regulatory Officials
- Professionals seeking a broader understanding of the upstream oil and gas business

## Outline

### Day 1: Overview of the E&P Industry and Value Chain

- Global Oil and Gas Industry Structure
- Introduction to the Upstream Sector
- Components of the E&P Value Chain
- Industry Stakeholders and Business Models
- Energy Markets and Industry Trends
- Key Success Factors in E&P Businesses

### Day 2: Exploration, Appraisal, and Resource Development

- Petroleum Systems and Hydrocarbon Formation
- Exploration Processes and Prospect Identification
- Seismic Surveys and Geological Evaluation
- Resource Classification and Reserve Estimation
- Appraisal Activities and Field Evaluation
- Exploration Risk and Opportunity Assessment

### Day 3: Field Development and Production Operations

- Field Development Planning Fundamentals
- Drilling and Well Construction Overview
- Production Systems and Surface Facilities
- Production Optimization and Asset Integrity
- Health, Safety, and Environmental Considerations
- Operational Excellence in E&P Activities

#### Day 4: E&P Economics, Commercial, and Financial Fundamentals

- Petroleum Economics and Value Creation
- Capital and Operating Cost Structures
- Revenue Generation and Production Forecasting
- Investment Evaluation Techniques
- Fiscal Regimes, Royalties, and Taxation
- Petroleum Contracts and Commercial Agreements

#### Day 5: Strategic Management and Future of E&P Business

- Integrated Asset and Portfolio Management
- Risk Management and Business Decision-Making
- Digital Transformation in E&P Operations
- Sustainability and ESG in the Energy Sector
- Energy Transition and Future Industry Challenges
- Building Long-Term Value and Competitive Advantage

## Registration form on the Training Course: E&P Value Chain and Business Fundamentals

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
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 Personal E-Mail: .....  
 Official E-Mail: .....

### Company Information

Company Name: .....  
 Address: .....  
 City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
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### Easy Ways To Register

Telephone:  
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