

# Advanced Oil and Gas Supply Chain Management Masterclass

Oil & Gas Engineering  
Cape Town (South Africa)  
11 - 15 Aug 2025

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## Advanced Oil and Gas Supply Chain Management Masterclass

**Ref:** 321537\_140819 **Date:** 11 - 15 Aug 2025 **Location:** Cape Town (South Africa) **Fees:** 3300 Euro

### Course Description

This intensive 5-day course provides a comprehensive overview of advanced supply chain management strategies tailored for the oil and gas industry. Participants will gain in-depth knowledge of risk management, inventory optimization, digital transformation, and sustainable practices. The course combines theoretical concepts with practical case studies to ensure real-world applicability.

### Learning Objectives

- Develop advanced strategies for optimizing oil and gas supply chains
- Master risk management techniques specific to the energy sector
- Implement cutting-edge inventory management and demand forecasting methods
- Leverage digital technologies to enhance supply chain visibility and efficiency
- Design sustainable and resilient supply chain networks

### Course Modules

#### Day 1: Strategic Supply Chain Management in Oil and Gas

- Industry overview and supply chain challenges
- Strategic planning and network design
- Supplier relationship management
- Performance metrics and KPIs

#### Day 2: Risk Management and Resilience

- Supply chain risk assessment techniques
- Mitigating geopolitical and market risks
- Business continuity planning
- Crisis management strategies

#### Day 3: Inventory Optimization and Demand Forecasting

- Advanced inventory management models
- Demand forecasting in volatile markets
- Lean and agile supply chain strategies
- Capacity planning and constraint management

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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## Day 4: Digital Transformation in Oil and Gas Supply Chains

- Industry 4.0 technologies in supply chain
- Blockchain for supply chain transparency
- IoT and real-time tracking solutions
- Data analytics for decision-making

## Day 5: Sustainable and Future-Ready Supply Chains

- Green supply chain management practices
- Circular economy principles in oil and gas
- Compliance and regulatory considerations
- Emerging trends and future outlook

## Practical Wins for Participants

- Develop a comprehensive risk management plan for your organization
- Create an inventory optimization strategy to reduce costs and improve cash flow
- Design a digital transformation roadmap for your supply chain operations
- Formulate a sustainability action plan aligned with industry best practices

A graphic of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight behind it. The board has a checkered pattern, and there are concentric circles in the background.

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