



*Training Course:
Introduction to Information Management and
Data Governance in E&P Industry (RILS)*

*10 - 14 August 2025
Amman (Jordan)*

Training Course: Introduction to Information Management and Data Governance in E&P Industry (RILS)

Training Course code: SC235621 From: 10 - 14 August 2025 Venue: Amman (Jordan) - Training Course Fees: 3875 € Euro

Introduction:

This training program is specifically designed by Global Horizon Training Center to equip professionals in the Exploration and Production E&P industry with the fundamental knowledge and skills required for managing information and ensuring data governance. The course focuses on industry-specific challenges, including regulatory compliance, operational efficiency, and data integrity in upstream operations. Participants will gain insights into the best practices and frameworks essential for handling large datasets, improving decision-making, and optimizing data management strategies within the E&P industry.

Objectives:

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

- Understand the principles of information management and data governance in the E&P industry.
- Implement data governance frameworks, focusing on regulatory requirements e.g., RILS standards.
- Identify and mitigate risks associated with poor data management and governance.
- Develop and implement information management policies tailored to E&P operational needs.
- Leverage data for improved decision-making and operational efficiency.
- Ensure data integrity and security across the data lifecycle.

Methodology:

- Interactive lectures: Detailed presentations on key concepts with real-life industry case studies.
- Hands-on exercises: Practical workshops to apply data management and governance principles.
- Group discussions: Collaborative sessions where participants discuss challenges and solutions within their own organizations.
- Case studies: Analysis of successful data governance practices in E&P companies.
- Role-playing and simulation: Simulating real-world scenarios to ensure practical application of the knowledge gained.

Organizational Impact:

Participants will contribute to the following organizational outcomes:

- Enhanced decision-making capabilities through accurate and well-managed data.
- Increased operational efficiency by streamlining data workflows and improving data governance.
- Better compliance with industry regulations and standards such as RILS.
- Reduced data-related risks, ensuring data integrity and security.
- Improved cross-departmental collaboration and information sharing.
- Competitive advantage through optimized data utilization and governance.

Target Audience:

This course is designed for:

- Data Managers and Officers in the E&P industry.
- IT professionals involved in data governance and management.
- Exploration and Production Engineers.
- Regulatory compliance officers.
- Project Managers overseeing data-related projects.
- Professionals responsible for data security and integrity in the E&P sector.

Outlines:

Day 1: Introduction to Information Management in E&P

- Overview of E&P operations and data types geological, geophysical, engineering.
- The role of data in driving exploration and production decisions.
- Introduction to RILS Records and Information Lifecycle Standards in the E&P context.
- Challenges of managing information in a data-intensive industry.

Day 2: Data Governance Frameworks

- Understanding data governance: Key concepts and principles.
- RILS standards: A comprehensive guide to data governance in E&P.

- Developing a data governance framework for an E&P organization.
- Roles and responsibilities within a data governance structure.

Day 3: Data Lifecycle Management

- The lifecycle of data in E&P: From acquisition to disposal.
- Data retention policies and regulatory compliance.
- Ensuring data integrity throughout the lifecycle.
- Implementing effective data security measures.

Day 4: Information Security and Risk Management

- Identifying data-related risks in E&P operations.
- Mitigating risks through strong data governance practices.
- Data breach prevention and response strategies.
- Ensuring data privacy and compliance with global regulations.

Day 5: Leveraging Data for Strategic Decision-Making

- Using data analytics and business intelligence tools in E&P.
- Case studies of successful data management and governance in E&P companies.
- Implementing continuous improvement for data governance processes.
- Future trends in data governance and information management in the E&P sector.

Registration form on the Training Course: Introduction to Information Management and Data Governance in E&P Industry (RILS)

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