

Training - National Data Repositories and Data Rooms



DATROOM-EN-D



Distance only



2 days

Promoting subsurface assets in a very competitive market is a very challenging task. A good data collection, correctly managed over time, is the best instrument for authorities and national agencies not only to illustrate the attractiveness of their acreage but also to organize a transparent competition between potential licensees for the benefit of the nations

Level

Awareness

Public

Authorities technicians and engineers in charge of designing, implementing or reviewing a data governance in order to improve the attractiveness of subsurface data assets

Objectives

Attendees will be able to implement the following skills:

- Design and implement a data governance for NDRs and related activities
- Organize attractive, efficient and securized data rooms

Pedagogical & technical resources

Interactive lectures, case studies and exercises

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsible

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

INTRODUCTION

Data is an asset. Importance of data in the exploration and production business.
Data governance - Who is the data owner?
Petroleum project life cycle and data life cycle.
Summary of main geoscience data formats.
Role of the data rooms.

COLLECTING EXPLORATION & PRODUCTION DATA

Comparison of the data collection guidelines in various North Sea countries. Yellow book and blue book.
Automatizing data exchange, the PRODML standard.
OSDU – Open Subsurface Data Universe.

MANAGING PHYSICAL DATA: CORES, TAPES & PAPER ARCHIVES

Core storage and core digitalization.
Remastering seismic tapes.
Scanning paper archives. OCR.

FROM DOCUMENTS TO DATA

Structured and unstructured data.
Several style of data storage: relational, graph and NoSQL databases.
Metadata, pull and push data access.
Data mining, deterministic and stochastic methods.
Document and content management systems.

DATA QUALITY FOR DATA ROOMS

The lean data management approach.
The 6-sigma data management approach.
The data quality criteria.
A quantitative approach of the data quality management.

CYBER SECURITY - DATA SECURITY MANAGEMENT FOR DATA ROOMS

Our data are at risk!
Prevention strategy and tactics.
CRUDE matrix and confidentiality management.
Data retention management.

ORGANIZING EFFICIENT DATA ROOMS

The role of the data rooms.
Physical and virtual data room.
Data publication on the web, market place.

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com