# 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 attractivity 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

## Responsable

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


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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


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