Formation - National Data Repositories and Data Rooms

DATROOM-EN-D | **Distanciel** | **2 jours**

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

Niveau

Découverte

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

Objectifs

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

Pédagogie & ressources techniques

Interactive lectures, case studies and exercises

Évaluation des acquis

- 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

Prérequis

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

Programme

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.

IFP Training est référencé au DataDock. Rapprochez-vous de votre OPCO pour connaître les possibilités de financement de cette formation.
Pour vérifier l'accessibilité de cette formation à une personne en situation de handicap, contactez notre référent à l'adresse suivante : referent.handicap@ifptraining.com

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