Training - CO2 Geological Storage Overview

CO2-EN-P | Face-to-face only | 3 days

This course provides participants with a global knowledge on what is really CO2 geological storage and also a clear understanding of the concepts and key techniques related to CO2 geological storage

Level

Awareness

Public

Directors, executives, managers or professionals working in administrative offices dealing with CO2 geological storage

Objectives

Attendees will be able to implement the following skills:

- Describe the global concepts of CO2 geological storage
- Examine the criteria to select potential CO2 geological storage
- Integrate key techniques and develop solutions for CO2 geological storage

Pedagogical & technical resources

Interactive presentations, practical exercises and hands-on activities

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 TO CCS & CO2 GEOLOGICAL STORAGE

Definition of CCS concept.
Norms and future laws regarding CO2.
The CO2 geological storage solution.
Types of geological formations that can store CO2 and their complexities.
Challenges for assessing a potential site.

ISSUES & UNCERTAINTIES FOR CO2 GEOLOGICAL STORAGE

The methodology of evaluation of a potential site.

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Process of decision making regarding the choice of a site.
Characterization and modeling of the CO2 reservoir.
Injection of CO2 and evolution through time.
HSE concepts relative to CO2 geological storage.
Global uncertainties analysis for CO2 geological storage.
Conclusion on the best solution for CO2 geological storage.

LESSONS LEARNED & FUTURE FOR CO2 GEOLOGICAL STORAGE

Examples of worldwide cases CO2 storage and analysis.
How to define cost and budget around CO2 geological storage.
The future for CO2 geological storage.
Wrap-up session.

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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