Carbon Capture, Utilization, and Storage

MODULE

About the Skill Module

This skill module provides a 30,000-foot view of the emerging field of CO2 capture from stationary industrial emissions sources – primarily combustion operations. CO2 capture is part of the so-called “CCUS” chain – CO2 Capture, Utilization and Storage – wherein CO2 is prevented from entering the atmosphere by removing it from flue gas or other vent streams, transported to an appropriate location, and injected deep underground into secure geologic formations or utilized.

See demo online learning module

Target Audience

This course is useful for senior and middle management and for anyone involved in the integration of low carbon power generation technologies into existing and future infrastructure.

You Will Learn

You will learn how to:

- Describe the scale of CO2 emissions and their impact
- Identify the major industrial emissions sources and their characteristics

- Explain the meaning of CCUS
- Recognize the major technology approaches to CO2 capture and which are deployed
- Identify the CCS value chain
- Review the drivers and restrainers to deployment

Product Details

Categories: Energy Transition

Disciplines: Carbon Capture, Storage, and Sequestration Net Zero & Renewables

Levels: Basic

Product Type: Individual Skill Module

Format: On-Demand

Duration: 2.5 hours (approx.)

$250.00