

## CCUS INFRASTRUCTURE AND INTEGRATION FOR OPERATIONS TEAMS

<b>Start Date:</b>	12/10/2026	<b>End Date:</b>	16/10/2026
<b>Categories:</b>	Oil & Gas	<b>Venues:</b>	Amsterdam
<b>Formats:</b>	In Person	<b>Instructors:</b>	

### OVERVIEW

This course provides operations teams with a practical understanding of the infrastructure required for Carbon Capture, Utilization, and Storage (CCUS). It covers integration into existing facilities, system compatibility, monitoring protocols, and maintenance best practices.

### OBJECTIVES

By the end of this course, participants will be able to:

- Understand CCUS infrastructure components and integration principles.
- Evaluate site readiness and facility compatibility for CCUS retrofits.
- Support the deployment and commissioning of capture and injection systems.
- Operate and maintain monitoring and control systems for CO<sub>2</sub> flow and storage integrity.
- Collaborate with technical and engineering teams to ensure operational efficiency and compliance.

### COURSE OUTLINE

1. CCUS Infrastructure Overview: Capture, Transport, Storage
2. Site Preparation and Retrofit Planning for Operations Teams
3. System Integration with Existing Oil & Gas Facilities
4. CO<sub>2</sub> Monitoring, Flow Management, and Leak Detection
5. Maintenance, Safety, and Operational Coordination

### TARGET AUDIENCE

Operations supervisors, control room technicians, plant operators, and maintenance teams working in facilities adopting CCUS systems.

### METHODOLOGY

Infrastructure walkthroughs, integration planning workshops, safety drills, and monitoring system exercises.

### CONCLUSION

Participants will gain operational knowledge to support the safe and efficient implementation of CCUS systems across oil & gas infrastructure.

## DAILY AGENDA

### **Day 1: CCUS Infrastructure Fundamentals**

Introduction to components, technologies, and flows in CCUS infrastructure.

### **Day 2: Site Assessment and Retrofit Readiness**

Assessing operational environments and preparing for CCUS integration.

### **Day 3: Systems Integration and Operations Interface**

Practical steps for linking CCUS systems to existing plant control and processes.

### **Day 4: CO<sub>2</sub> Monitoring and Flow Management**

Operating monitoring systems, flow metering, and leak detection tools.

### **Day 5: Safety, Maintenance, and Team Coordination**

Establishing safe practices, maintenance protocols, and interdepartmental coordination.

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*For more information, please contact us:*

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