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PRACTICAL CARBON MANAGEMENT IN OIL & GAS FIELDS

Start Date:	11/01/2027	**End Date:**	15/01/2027
Categories:	Oil & Gas	**Venues:**	London
Formats:	In Person	**Instructors:**	

OVERVIEW

This hands-on course empowers oil & gas professionals to implement and manage practical carbon reduction strategies at the field level. It focuses on emissions identification, mitigation technologies, operational best practices, and compliance with carbon management standards.

OBJECTIVES

By the end of this course, participants will be able to: • Identify and quantify emissions sources across oil & gas fields. • Apply field-level carbon reduction techniques and technologies. • Monitor emissions performance and implement corrective measures. • Align operations with carbon intensity benchmarks and reporting requirements. • Develop and execute site-specific carbon management plans.

COURSE OUTLINE

1. Carbon Management in Field Operations: Scope and Strategy 2. Emissions Mapping and Quantification Techniques 3. Field-Applicable Mitigation Technologies 4. Monitoring, Reporting, and Verification (MRV) Systems 5. Site-Level Planning and Continuous Improvement

TARGET AUDIENCE

Field engineers, HSE coordinators, facility operators, and sustainability teams working in upstream and midstream oil & gas operations.

METHODOLOGY

Field case studies, emissions tracking exercises, group planning labs, and MRV system walkthroughs.

CONCLUSION

Participants will return with the practical tools and field-tested approaches to implement and manage effective carbon reduction programs in oil & gas operations.

DAILY AGENDA

Day 1: Field-Level Carbon Strategy and Scope

Understanding carbon management needs and framing operational strategies.

Day 2: Emissions Identification and Quantification

Mapping emissions sources and applying measurement techniques.

Day 3: On-Site Mitigation Technologies

Deploying flaring, venting, and fugitive emission control technologies.

Day 4: MRV and Compliance Systems

Implementing monitoring, reporting, and verification aligned with standards.

Day 5: Carbon Management Plans and Optimization

Designing and executing field-level carbon plans for continuous improvement.

For more information, please contact us:
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