

ONLINE, ON-DEMAND COURSE



ENERGY AND
CLIMATE
ACADEMY

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SCAN ME
FOR DETAILS



CCUS COURSE - MASTERING CO₂

CAPTURE • UTILIZATION • STORAGE • TRANSPORT

*Comprehensive Insights into the Processes, Technologies,
Environmental Impacts, and Business Models of CO₂
Management.*

As the global business landscape evolves, addressing carbon emissions presents a unique opportunity for innovation and growth.

The "Carbon Capture, Utilization and Storage (CCS) Course" is carefully designed to empower forward-thinking companies with the knowledge, strategies, and tools needed to navigate the complexity of carbon management while unlocking substantial business prospects.

In collaboration with:



Maskinmestrenes
Forening

Management and Technology

GUIDE AND MENTOR



IVAR MOLTKE

Accomplished innovator and sustainability advocate with a rich background in architecture, innovation management, and technology foresight.

Based in Copenhagen, Denmark, he is the Co-Founder and CTO of DecarbonICE, a groundbreaking technology with several patents for storing and transporting CO₂.



THE COURSE OBJECTIVES

EXPLORE

- Understand the urgency of carbon management and its transformative potential.
- Evaluate efficient carbon capture technologies.
- Identify and capitalize on business opportunities in CO₂ utilization.
- Develop expertise in secure carbon storage and transportation methods.
- Recognize strategic advantages in environmental responsibility and adapt to market changes for sustainable growth.

COURSE CONTENT

1. CONTEXT: WHY CCS?

- Grasp the urgency of carbon management considering climate imperatives.
- Delve into the transformative potential of CCS in reshaping environmental stewardship and business strategies.

2. CARBON CAPTURE TECHNOLOGIES

- Navigate the spectrum of cutting-edge CO₂ capture methodologies.
- Evaluate the viability, adaptability, and cost-efficiency of diverse capture technologies.

3. UTILIZATION BUSINESS OPPORTUNITIES

- Unveil the untapped potential within CO₂ utilization and product innovation.
- Unearth strategic sectors and business models primed for sustainable growth through CO₂ utilization.

4. STORAGE TECHNOLOGIES

- Probe the depths of secure and sustainable underground CO₂ storage.
- Develop insights into geological storage sites, storage capacity assessments, and best practices.

5. TRANSPORTATION STRATEGY

- Strategize seamless and eco-conscious CO₂ transportation methods.
- Address logistical challenges, infrastructural considerations, and regulatory compliance

6. BUSINESS CASES

- Examine real-world examples showcasing successful CCS integration.
- Compelling business cases that fuse financial gains and emissions reduction.

ENROL IN THIS PROFESSIONALLY CURATED COURSE TO GAIN A COMPREHENSIVE OVERVIEW OF CCUS FROM A SUBJECT MATTER EXPERT!



Expand your horizons, **unlock business potential** in carbon management, and **forge valuable connections** for future growth.



Learning Accessibility: Watch lessons multiple times for 6 weeks

Course Duration: Approximately 8 hours

Platform Compatibility: Use on smartphones, tablets, and laptops.



After completing the course, participants will receive a **Certificate of Completion** from the **Energy and Climate Academy**.

Note: The course content may be subject to updates based on industry trends and advancements.