



Rara Energy
Consulting

RARA Energy CCUS Pro

Advanced Course on Carbon Capture Utilization and Sequestration (CCUS)

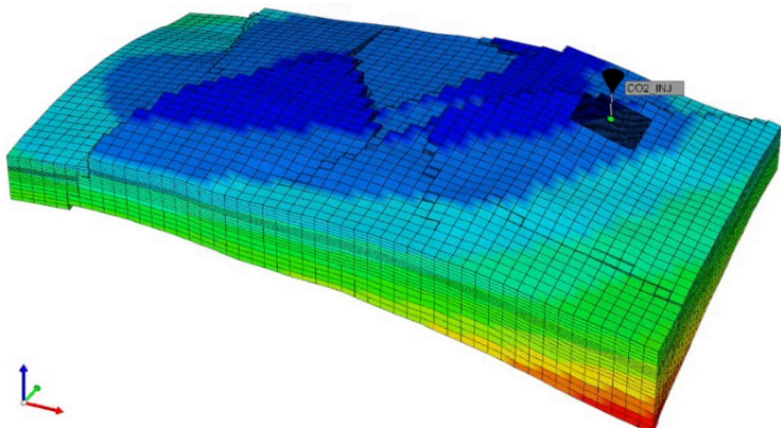
Duration: 4 days (On-Demand and On-Site)

Target audience: Experienced Professionals

SKILLS	●	○	○
KNOWLEDGE	●	●	○
AWARENESS	●	●	●

Dive deep into the advanced principles of Carbon Capture, Utilization, and Sequestration (CCUS) in this intensive 4-day course designed for professionals seeking to enhance their expertise in sustainable energy solutions.

Through expert-led lectures, interactive workshops, and hands-on simulations, participants will gain practical knowledge and skills to design, implement, and manage CCUS projects effectively. By the end of the course, attendees will be equipped to lead the way in reducing greenhouse gas emissions and contributing to global sustainability goals.



Schedule :

- **Day 1 — The Carbon Challenge** - The carbon challenge encompasses the evidence of human influence on the carbon cycle and the probable planetary response, as indicated by geological records. It underscores the transition to a low-carbon future and explores the potential role of the oil and gas sector in managing carbon emissions at their source.
- **Day 2 — Reservoir** - Subsurface CO2 storage options, the viability of depleted fields CO2 phase behavior top seal integrity and re-pressurization, timing and EOR benefits, reservoir response modelling and 4D seismic monitoring.
- **Day 3 — Facilities + Wells**- Regional infrastructure; capture methods at power stations; transportation logistics, CCS economics, establishing a local CCS framework. Recycling mechanics, adaptability of current surface facilities, re- purposing existing wells, implications for well and completion, ensuring equipment integrity.
- **Day 4 — Case Study** - CO2 EOR and CCUS Simulation study with industrial tools and real field data.