International Energy Markets and Pricing

Recognising the Dynamics of the Market and Seizing Opportunities

Introduction

The goal of this 5-day intensive course on International Energy Markets and Pricing is to provide attendees with an overview of the world's energy supply, including that derived from renewable sources and fossil fuels. The supply and demand dynamics of fossil fuels, their price volatility, and the related geopolitics all contribute to the explanation of the overall dynamics of the global energy business.

Crude oil, natural gas, LNG, refined goods, and renewable energy sources like solar, wind, hydro, and nuclear power are among the energy sources. the emphasis on the factors that should be taken into account for trading, marketing, and sales, with a particular emphasis on price risk management.

The following are the main topics on which participants in this Course N Carry International Energy Markets and Pricing training course will acquire technical knowledge and business acumen:

- Recognise the fundamental upstream processes related to the transportation, sales, marketing, and trading of crude oil, natural gas, and LNG.
- Find out how refined products are made, what the refinery margin metrics are, how the refinery operates economically, and how refined goods are sold and traded.
- Acknowledge the growth potential of each renewable energy source, including solar, wind, hydro, geothermal, and nuclear.
- Calculate the Levelized Cost of Energy for Renewables and Fossil Fuels and Consider their relative advantages and disadvantages.
- Understand the problems with uneven supply and demand, fluctuating prices, logistics, and the art of trading in crude oil, refined products, natural gas, and LNG.
- Recognise risk, price risk management, forward, futures, and swap markets.
- Identify the legal and regulatory concerns that the US, UK, Singapore, and foreign markets have.
- Recognise the technological advancements, difficulties, and upcoming developments in the dynamics of the global energy sector.

Objectives

Following completion of this training session on global energy markets and pricing, participants will be able to:

- Obtain a broad understanding of the supply, transportation, marketing, trading, and refining of oil and refined products worldwide.
- Increase their knowledge of the fundamentals of the oil industry, including vessel chartering, freight and netback calculations, refinery margin calculations, and the quality, blending, and valuation of crude oil for trade.
- Gain an understanding of price risk management, hedging, futures, and oil market futures.
- Examine the international, US, UK, and Singaporean regulations in relation to the technical, commercial, legal, and trading aspects of the oil sector.
- Talk with your peers and clients with assurance about the technical, commercial, contractual, legal, and financial regulatory principles and keywords.

Training Methodology

In order to promote delegate participation, this highly interactive Course N Carry International Energy Markets & Pricing training programme combines group discussions, hands-on activities, case studies, quizzes, and a significant amount of short videos that highlight petrochemical operations, environmental and safety considerations to reinforce new knowledge and skills, and discussion of real-world issues in their organisations.

Organizational impacts

The following professionals will benefit from this Course N Carry International Energy Markets & Pricing training course, which is intended to educate and enhance their business knowledge:

- Managers of Business Development and Experts in Corporate Planning
- Personnel in Sales, Marketing, and Trading
- Experts in Supply Planning, Scheduling, and Logistics
- Professionals in Geosciences and Engineering
- Experts in Refineries
- Authorities in Government
- Legal Experts
- Advisors in Tax and Finance
- Personnel Auditing
- Officers of Compliance
- Media Representatives who deal with traders and transactions
- Bankers and Equity Analysts
- Officers of Joint Ventures
- Professionals in Contracting and Negotiation
- Bank Representative

Personal Imapct

Enrolling in this course can benefit you in the following ways:

- Gain a deep understanding of the relation between human behavior and finances
- Learn modern techniques to estimate market demand and prediction
- Attain leadership, adaptability, and decision-making skills
- Analyze and understand successful market strategies

Who should attend?

Course N Carry's Interactive Economics course can benefit professionals from different sectors, including:

- Policymakers
- Managers
- Workforce Planners
- Researchers
- Marketers
- Anyone looking to advance their skills in the fields of management, economics, administration, and sales can benefit by learning people's economic decision-making and modern techniques that help influence people's behavior.

Course Outline

Day 1

Crucial Upstream Practices for Petroleum

- Overview of the Course
- Overview of How Oil Was Made
- Essentials of Petroleum and Oil & Gas Geology. technical.
- Logging and finishing wells.
- Global reserves, production, and trade are the three main pillars of the international oil supply.
- Essentials of Petroleum Economics.
- The Levelized Cost of Renewable Energy Sources

Day 2

Crude Oil Trading: Overview

- The Oversight of the Development of the Global Oil Price System
- Exchange of Real Crude Oil and its Administration

Day 3

Pricing and Trading of Refined Products

- The Trading of Refined Products: Part I: Fundamentals
- Refining II: Upgrading the Cost of Refined Oil Products in a Conventional Refinery

Day 4

Risk Management for Energy Prices.

- Price Risk Management for Oil Products.
- Assessing Danger.
- The Market for Forwards.
- Market of the Future.
- The Exchange Market.
- The Choices.
- Crack Proliferates.

Day 5

Regulation and Legal Concerns.

- International Legal and Regulatory Concerns.
- Americas.
- Britain.
- Singapore.
- Managing Risk in Finance.