

FUNDAMENTALS OF LIQUEFIED NATURAL GAS (LNG) INVESTMENT

“Understanding the Commercial, Technical, and Strategic Dimensions of LNG Projects”

Schedule

Date	Venue	Fees (Face-to-Face)
18 – 20 Nov 2026	Dubai, UAE	USD 2495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

The global LNG industry has experienced unprecedented growth, transforming the dynamics of energy trade and investment. From upstream production to liquefaction, shipping, and regasification, LNG projects involve complex value chains, capital-intensive infrastructure, and long-term commercial commitments. Understanding the fundamentals of LNG investment is critical for stakeholders across energy, finance, and infrastructure sectors.

This 3-day practical course provides a comprehensive introduction to LNG markets, project structures, investment risks, financing models, and contract strategies. Designed for professionals without prior LNG background, it blends commercial insights with technical fundamentals to support sound investment decisions and strategic project involvement.

Objectives

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

- Understand the structure, players, and value chain of the LNG industry
- Evaluate LNG project feasibility, costs, and risks
- Analyze pricing mechanisms, trading models, and global supply-demand trends
- Assess investment returns, financing structures, and regulatory issues
- Navigate key commercial contracts such as SPAs, tolling agreements, and JV structures

Why Attend

- Gain clarity on the business, finance, and policy aspects of LNG investments
- Understand LNG project economics and lifecycle cost factors
- Improve your ability to assess risk and negotiate commercial agreements
- Build foundational knowledge to support LNG transactions and partnerships
- Stay updated on current and emerging LNG market trends

Target Audience

This program is designed for:

- Energy and infrastructure investment professionals
- Bankers, analysts, and legal advisors involved in LNG projects
- Oil & gas business development and commercial staff
- Government officials and regulators overseeing LNG development
- Project managers, engineers, and technical personnel new to LNG

Individual Benefits

Key competencies that will be developed include:

- LNG market structure and pricing knowledge
- Understanding of project finance fundamentals in LNG context
- Insight into technical and operational LNG project risks
- Interpretation of contractual terms and investment models
- Strategic thinking in LNG infrastructure and trade

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved capacity to evaluate LNG projects and partnerships
- Enhanced internal coordination across commercial, finance, and technical teams
- Support for investment appraisals and strategic planning
- Better stakeholder communication and decision-making in LNG ventures
- Risk-informed participation in LNG contracting and negotiation

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Overview of LNG markets, value chains, and business models
- Case Studies - Real-world LNG project evaluations and investment scenarios
- Workshops - Project feasibility analysis, contract interpretation, and investment modeling
- Peer Exchange - Discussions on LNG policies, pricing, and competitive positioning
- Tools - LNG cost model templates, project risk matrices, and contract term sheets

Course Outline

DETAILED 3-DAY COURSE OUTLINE

Training Hours: 07:30 AM – 03:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: The LNG Value Chain and Market Fundamentals

- Module 1: Introduction to the Global LNG Industry (07:30 – 09:30) • The evolution and role of LNG in global energy markets • Key players: producers, buyers, traders, and infrastructure providers
- Module 2: LNG Value Chain and Technical Overview (09:45 – 11:15) • From natural gas to liquefaction, transport, and regasification • Key components: plants, ships, terminals, and storage
- Module 3: Global LNG Supply and Demand Dynamics (11:30 – 01:00) • Production hotspots and key importing nations • Current trends, growth projections, and market shifts
- Module 4: Workshop – Mapping the LNG Value Chain (02:00 – 03:30) • Group activity: identifying risks and players at each stage

Day 2: Commercial Models and Project Economics

- Module 5: LNG Pricing and Trade Structures (07:30 – 09:30) • Oil-linked pricing vs. gas hub pricing • Spot vs. long-term contracts and trading platforms
- Module 6: Investment and Project Finance Fundamentals (09:45 – 11:15) • CapEx/Opex components and cost benchmarking • Funding structures: equity, debt, and public-private options
- Module 7: Economic Evaluation of LNG Projects (11:30 – 01:00) • NPV, IRR, breakeven, and sensitivity analysis • Financial modeling best practices for LNG
- Module 8: Workshop – LNG Project Feasibility Case (02:00 – 03:30) • Team activity: evaluate the viability of a proposed LNG terminal

Day 3: Risk, Regulation, and Contracts

- Module 9: Managing LNG Project Risks (07:30 – 09:30) • Construction, market, technical, and regulatory risks • Mitigation tools: insurance, guarantees, risk-sharing
- Module 10: Legal and Regulatory Frameworks (09:45 – 11:15) • Environmental approvals, shipping regulations, and LNG safety codes • Jurisdictional and cross-border issues
- Module 11: LNG Commercial Contracts and Negotiation (11:30 – 01:00) • SPAs, tolling agreements, joint ventures, and term sheets • Flexibility clauses, take-or-pay, and destination restrictions
- Module 12: Workshop – Reviewing a Sample LNG SPA (02:00 – 03:30) • Interactive contract analysis and group discussion

Certification

Participants will receive a **Certificate of Completion in Fundamentals of Liquefied Natural Gas (LNG) Investment**, recognizing their ability to evaluate, support, and contribute to LNG-related commercial and investment decisions.

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