



TRAINING



in collaboration with
the Center of Studies in Oil and Gas
Engineering and Technology (CS-OGET)
of the Eduardo Mondlane University, in
Mozambique



LIQUEFIED NATURAL GAS TRADE DYNAMICS & RISKS.

JULY 1-5 2024
ONLINE- ZOOM



MUHAMMAD SALIM JANDULA

KEY
TOPICS

- 💡 LNG Value Chain
- 💡 Global LNG Trade
- 💡 Containment technology
- 💡 Value chain and losses
- 💡 LNG Shipping and Custody Transfer
- 💡 LNG Financial Derivatives and Projects Economics
- 💡 Risk Management
- 💡 Seveso and COMAH regulations

Course overview and objectives

About the Course

The liquefied natural gas (LNG) industry has radically transformed from its nascent stages into a globally traded energy source. LNG trade has quadrupled over the past two decades and is poised to double again in the next 20 years. While LNG trade is becoming more liquid and inclusive, it remains disproportionately concentrated in production and consumption.

This course provides a comprehensive understanding of the LNG trade dynamics, and essential features of its logistics, pricing, and associated risks. It highlights the significance of LNG for ensuring energy security.

The course will emphasize the role of LNG within the global energy mix and strategy and will provide insights into LNG trade including logistics and pricing.

This 5 days course is offered by:



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Course Objectives

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

Achieve a complete overview of LNG value chain elements

Understand the role LNG plays in future energy security

Understand how LNG trade is revolutionizing the gas industry

Comprehend the technology and developments

Recognize the environmental advantages of LNG as an alternative fuel

Determine the key points influencing global LNG trade

Target Participants

Commercial Managers, Business Development Managers, Legal Counsels, Oil and Gas Production Managers, Plant Managers, Marine & Technical Superintendents, Process Engineers, Logistics Managers, Distribution Managers, Warehouse Managers, and other professionals who are keen to enter the lucrative and challenging LNG industry.

How the course will be conducted

This course is an active exchange between attendees and the instructor, using actual examples and exercises that are directly applicable to the body of knowledge.

The course uses interactive techniques such as lectures and presentations by the consultant. It also features the individual exercises / syndicate work and industry case studies followed by plenary discussions.



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Meet your course Gwiji

MUHAMMAD SALIM JANDULA
BE Mechanical Engineering, MS
Ind. Eng. Mississippi State
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Mr. Muhammad Salim Jandula is a seasoned Oil & Gas Expert and Professional Development Trainer/ Speaker with rich and varied practical industrial experience of 30 years in Petroleum and Energy Sectors. He has held Senior Management positions in Field Operations, Asset Management and has Managed the Field/ Plants housing mega Electrical and Mechanical Equipment including Turbo Generators (12.8 MW), Turbo Compressors (105K HP) Motor Compressors, Huge Industrial Pumping Units and other Electrical Equipment operating in Hazardous Areas. With strict compliance of NFPA 70E, IEEE 1584, OHSAS 18001 and other relevant NFPA/ OHSAS/ NEC/ NESC standards, and proper safety training of staff at all levels, especially on-site training on HAZOP, Incident Investigation and Reporting, Safety Leadership, RCA, etc. the Field/ Plants were able to achieve the hallmark of Three Million Safe Man-hours with no lost time Injury Incident (LTII) and 99.99% Station Reliability. An engineer by profession, Jandula has collaborated with Oil & Gas Giants like OMV, Shell, MOL, Eni, PGNig, Kufpec and other E&P Companies. An alumni of Mississippi State University USA, he attended various international professional development programs from Stanford University, USA, Crown Agents, UK and JCCP – Petroleum, Tokyo Japan. Jandula has also served as Conference Chairman and Speaker at different Petroleum and Energy Conferences and Summits and has delivered keynote addresses on Operational Excellence and other topics at the Global Conferences held in Berlin, London, Vienna, Abu Dhabi and Riyadh. Among his participants, Mr. Jandula is known for his pleasing personality and applicable tools and interactive style of presentation.

Organizations that have benefited from Jandula's experience.

Petronas Malaysia • EGAT- Electricity Generating Authority of Thailand • IRPC Clean Power Company Limited • SABIC Saudi Arabia • Halliburton • PETROFAC • MOL • Shell • Emerging EPC • Reliance • NNPC Group Nigeria among others.



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DAY 1 - LNG Value Chain

LNG in oil and gas value chain
LNG characteristics and hazards
Liquefaction – from Raw gas to LNG
Players in the LNG value chain
Overview of LNG logistics

DAY 2 – Global LNG Trade

LNG trade over the years
Trade Considerations
Trade routes
Value chain and losses
LNG and gas interchangeability

DAY 3 – LNG Shipping and Custody Transfer

Containment technology
Shipping developments
View of current tonnage
Custody transfer
Export fiscal measurement

DAY 4 – LNG Financial Derivatives and Projects Economics

LNG Supply, Trading & Hedging Strategies
LNG derivatives – Futures, Options and Swaps
Henry Hub Natural Gas Spot Prices
LNG Projects' Economics
LNG Market Fundamentals

DAY 5 – Risk Management

Operational Hazards
Protection and mitigations
Seveso and COMAH regulations
Benchmarking of risk
Public opinion of LNG operations and safety



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This course is available as a public and in-house and is delivered as a FACE-TO-FACE classroom style or as a LVT- Live Virtual Training.



\$400 PER PERSON



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