



LNG Industry Operations & Management Workshop LNG04



**Oil & Gas
Consultancy Services & Technical Training Providers**

Enhancing business through knowledge

www.petroconsultenergy.co.uk

LNG Industry Operations & Management Workshop (LNG04)

Course Description:

This training course is a top up program for industry management staff wishing to increase and broaden their knowledge on current industry practices for management purposes.

This course is a five-day program intended to provide a very comprehensive and in-depth knowledge of the liquefied natural gas industry. The LNG industry is quite technical and sophisticated in engineering, commercial and management aspects.

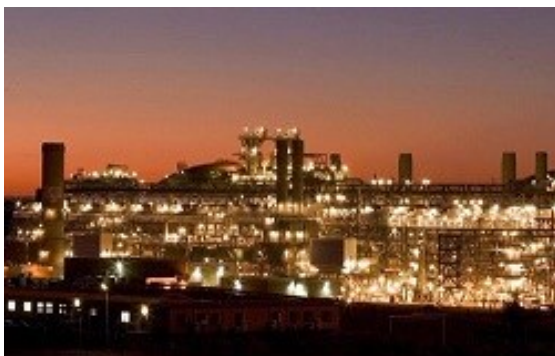
This program is designed for industry members wishing to update their knowledge and sharpen their management skills.

The program comprises full tuition on the overview of the technology for gas liquefaction, the commercial aspects (finance & sales/marketing), management and the global LNG industry as well as emerging trends.

Class sessions will include delivery of theoretical knowledge, exercises and video clips to aid learning and teaching.

Adequate attention will be given to the use of sketches on various aspects of the business in order to simulate real life situations.

The program will serve in coaching participants on the know-how of executive management based on knowledge of the industry and modern management techniques.



Course Contents:

1. Introduction:

- ◇ Overview of natural gas exploration and production
- ◇ Physical & chemical properties of natural gas and why gas liquefaction
- ◇ Gas liquefaction: the technical process
- ◇ the history of LNG (development, the industry today)
- ◇ World gas reserves, producers and consumption pattern
- ◇ Major LNG Producers (Know your competitors)

2. Natural Gas Purchase & Sales Agreement & Contract Negotiation and Management:

- ◇ Non- Price Issues in Gas Sales/Purchase Agreement
 - Start date
 - Deliveries (Point Quantity & Under-deliveries, Make-Up Volumes and Carry Forward
 - Take or Pay
 - Termination of Contract Clauses
 - Force Major
- ◇ Pipelines Gas
 - Daily Contract Quantity (DCQ)
 - Annual Contract Quantity (ACQ)
 - Quantity Obligations
 - Recovery of Pipelines Balancing Charges
- ◇ Gas and LNG Contracts
 - Contract Length and Length Factors

3. Price Issues In gas & LNG Sales/Purchase Agreements

- Project Appraisal
- Pricing Philosophy & Pricing Formula
- Variation of Pricing Formula (Pricing & Types of Indexation)
- Gas Price Escalation

- ◇ Negotiating Gas Sales/Purchase
 - Strategies For Negotiation
 - Negotiation Skills/Techniques
 - Drafting The Negotiated Agreement
 - How Not To Negotiate

4. The Global LNG Market:

- ◇ LNG Supply & Demand Pattern
- ◇ Existing Markets (The Asia Pacific Rim)
- ◇ Emerging Markets (The Atlantic Basin)
- ◇ European Markets
- ◇ Consumer Markets & Trading (Buyers & Sellers)

5. LNG Receiving Terminal

- ◇ Existing & Planned Terminals
- ◇ Access to LNG Terminals

6. LNG Shipping

- ◇ LNG Ship Design: an overview
- ◇ LNG Ship Builders
- ◇ LNG Shipping Capacity
- ◇ Shipping Costs: voyage and daily hire rates
- ◇ Shipping Optimization

7. LNG Projects Economics:

- ◇ Gas Field Sizes
- ◇ Components of LNG Supply Chain (from natural gas to re-gasification)
- ◇ Gas Liquefaction (train sizes, other costs estimates)
- ◇ Summary of LNG Projects Investment Economics
- ◇ Processes in LNG Investment Decision (from Conceptualization to Final Investment Decision (FID))

8. Other Key Considerations:

- ◇ Impact of the Power/ Energy (Electricity Generation) Sector on LNG Business
- ◇ Environmental Issues & Environmental Impact Assessment (EIA) Exercises
- ◇ LNG Commercialization & Project Objectives
 - Upstream Joint Ventures
 - Project Structure, & Development (including investment/ returns, the technical, financial & commercial aspects)
 - Project Risks
 - Project Structuring & Through-putting
 - Global Examples Of Project Structure
 - Financing LNG Projects
 - LNG Project Management
- ◇ Host Government Concerns

Who Should Attend?

- Operations Officers and Managers
- Engineers
- Technical officers working as part of project management teams

Venue:

Please visit our website or contact us for details.

Tuition:

£2,950 +VAT

5 day program

5 easy ways to register or to make an enquiry:

1.Web

www.petroconsultenergy.co.uk

2.Email

info@petroconsultenergy.co.uk

3.Phone

+44(0)1708 755355

4.Fax

+44(0)1708 755358

5.By post

Petroconsult Energy Co. Ltd.

4 Holgate Court, Western Road,
Romford. RM1 3JS, United Kingdom