Training - Liquefied Natural Gas Economics

EGL-EN-P

Face-to-face only

3 days

This training provides an overview of the economic and contractual aspects of the LNG (Liquefied Natural Gas) value chain

Level

Knowledge

Public

Professionals from the oil, gas or power industries or from the banking, insurance, and consulting sectors who need to understand LNG activities and their economic stakes

Objectives

Attendees will be able to implement the following skills:

- Identify the main LNG markets and their evolution
- Evaluate the economics of each part of the LNG value chain and the profitability for investments in the LNG industry
- Analyze the basic structure of LNG contracts

Pedagogical & technical resources

- Quizzes
- Videos
- Examples of contracts
- Exercises on LNG contracts

Assessment of achievements

- Trainees are assessed throughout the training through practical application phases and interactions with the trainer
- A final on-the-spot evaluation may also be carried out at the end of the course and/or at the end of each module using tests designed to verify the learners' understanding and assimilation of the knowledge linked to the training objectives

Prerequisites

No prerequisites are necessary to follow this course

Responsable

IFP Training instructors, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

GLOBAL GAS SCENE & LNG MARKETS — 1 day

Natural Gas uses, reserves, supply and demand.
New outlets for LNG (retail LNG).
International gas trades and importance of the LNG.

Evolution of the LNG trading and pricing.
Main LNG markets: America, Europe and Asia (mature markets: Japan and South Korea and emerging markets: China, India...).
Risks for the different LNG actors: liquefaction, shipping, portfolio players, buyers...
Unconventional gas and its impact on LNG markets.

TECHNICAL & ECONOMIC ASPECTS OF THE LNG CHAIN — 1 day

LNG: properties and specifications.
Design of the different parts of the LNG chain.
Liquefaction plants, LNG tankers, regasification terminals.
Main projects of LNG terminals in the world and their exploitation.
Capital expenditures and operating costs.
Economic evaluation of a LNG project.
Business structures of LNG projects:

- Classical “Buy/Sell” model.
- Processing model.

New trends in the LNG industry:

- Floating concepts: FLNG, FSRU.
- Small scale LNG.

LNG CONTRACTS — 1 day

Main features and important articles in LNG contracts.
LNG pricing: price formulae, indexation and net-back value.
Tolling agreements.
Impact of gas markets liberalization and third-party access to regasification terminals.
Coexistence between long-term contracts and short-term contracts.

To French entities : IFP Training is referenced to DataDock ; you may contact your OPCO about potential funding.
Please contact our disabled persons referent to check the accessibility of this training program : referent.handicap@ifptraining.com