Training - Overview of Natural Gas Economics

EGN-EN-P

Face-to-face only

4 days

This training provides an overview of the economic and contractual aspects of the natural gas value chain, all the way from production and transport to marketing

Level

Knowledge

Public

- Professionals with experience in the oil industry who now need to broaden their understanding and knowledge of the natural gas business.
- Professionals from other sectors, such as banking or government, that require an understanding of the natural gas business to better assist their clients are also welcome to attend

Objectives

Attendees will be able to implement the following skills:

- Evaluate the importance of natural gas in the world energy balance, and the strategies of the main industry actors
- Identify the outlets of natural gas and the new trends in gas industry
- Identify the main technical, economic and contractual features of the natural gas value chain, from the production well to the final consumer
- Explain the framework of liberalization of natural gas markets and its impact on gas contracts and prices

Pedagogical & technical resources

- Quizzes
- Exercises on the costs of gas infrastructures
- Examples of contracts and calculations on quantities
- Videos

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 — 0.75 day

Importance of natural gas in the world energy balance.
Outlets for natural gas.
Reserves, production, development zones.
International gas markets.
Impact of unconventional gas on the world demand/supply and on gas prices.

STRUCTURE & COSTS OF THE NATURAL GAS CHAIN — 0.75 day

Description of the gas chain and associated costs.
Gas treatment and transportation.
Storage costs and distribution costs.
Liquefied Natural Gas (LNG), FLNG, FSRU, small scale LNG.

LONG-TERM NATURAL GAS & LNG CONTRACTS — 1 day

Contractual framework of Exploration-Production.
Structure and principles of a long-term contract.
Principles of take-or-pay, netback, indexation and gas price formulas.
Tolling agreements.

SPOT, FORWARD & FINANCIAL MARKETS — 0.5 day

Spot and forward natural gas markets.
Why and how to access those markets?
Prices in the different markets.
Financial contracts, hedging strategies and examples.

GAS MARKETING IN A LIBERALIZED MARKET — 1 day

Drivers and concepts of liberalization.
Principles of the EU gas directive, progress in various countries, take-or-pay issues.
Role of the regulator, network development, transport, tariffs, etc.
Contractual aspects between suppliers, transporters and distributors.

Sessions

Rueil-Malmaison - From 10/13/2026 to 10/16/2026 — **3380 €/HT**

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