

# OVERVIEW OF THE NATURAL GAS INDUSTRY

In collaboration with *The Energy Institute, London*

## OBJECTIVES

To provide participants with an overview of the economic and contractual aspects of the natural gas industry.

The peculiar features of natural gas will be highlighted in order to explain the economic differences between a crude oil chain and a natural gas chain. Gas chains can become very complex, rigid networks which penetrate deep into energy markets and the associated, broad range of crucial economic, marketing, and legal issues of the gas industry will be examined. Special emphasis will be given to the LNG supply chain.

Discussions will cover a number of questions, including problems of gas projects' structuring, upstream sales contracts, take-or-pay issues, and gas market liberalization.

## COURSE CONTENT

### GAS MARKETS AND SUPPLY ECONOMICS

1 day

#### Global gas scene

- Role of gas in meeting energy demand; Kyoto impacts.
- Reserves, production, consumption, trade.

#### Natural gas chain costs

- Production; transport costs; pipeline and LNG.
- Storage costs; distribution costs.

### LNG AND MARKET STRUCTURES

1 day

#### LNG

- LNG chain including liquefaction, shipping, regasification and market positioning.
- LNG trade and future prospects.

#### Market liberalisation

- Main gas markets structures.
- Development of gas markets and drivers of liberalisation.

#### EU gas directive

- Principles of the EU gas directive.
- Progress in various countries; take-or-pay issues.

### NATURAL GAS PRICING

1 day

#### Upstream pricing and contracts

- Pricing principles; indexation and its impacts.
- Potential for new instruments in a fragmenting market.
- Spot markets and trading hubs; prices in liberalized markets.

#### Downstream pricing

- Traditional principles; interfuel competition in industry.
- Residential pricing.
- Price benchmarks; impact of liberalization.

### GAS TO ELECTRICITY

1 day

#### Gas for power generation

- Types of gas contracts for power generation.
- Various pricing approaches.

#### Corporate strategies

- Approaches to the gas and the electricity sector; integration.
- Mergers and acquisitions.

### ▲ Who should attend?

- Professionals with experience in the oil industry who now need to widen their understanding and knowledge of the natural gas business.
- Those who are concerned about natural gas and work in other sectors such as banking or government where they need an understanding of the industry.

### ▲ Duration

4 days

### ▲ Dates & Location

April 1 to 4, 2008  
London

### ▲ Tuition Fee

EI member: £ 1950 + VAT  
Non member: £ 2150 + VAT

### ▲ Course Coordinator

Karim Faïd

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