

Introduction to Gas and Power

1 day training course

6 May 2011, London

Available on request at other international venues

**Global energy use is
projected to increase
50% by 2035...**

True or false? (Book today!)

Why choose Alphatania®? Alphatania® training from Gas Strategies is a specialist training provider for the global energy industry. We deliver gas training and LNG training both as public courses and in-house programmes.

For over 25 years, we have helped energy industry professionals at every level, from new entrants to senior directors, acquire new skills, knowledge and insights. You will find Alphatania alumni working in – and leading – the world’s most innovative and profitable energy companies. Each Alphatania® course brings together an international experience and perspective from a diverse delegate group.

These professionals attend Alphatania® training courses because they value our distinctive mix of case-study-based training, faculty with in-depth gas industry experience. They leave having also enhanced their network of contacts and relationships with industry peers.

Each Alphatania course leader has real-world commercial experience in the energy industry. All understand how to effectively communicate that experience to delegates in an interactive learning environment. They bring up to the minute thinking from delivering Gas Strategies consultancy projects.

Introduction to Gas and Power

Succinct training course giving delegates a strong understanding of the dynamics involved along the entire gas and power chain.

If you have support staff who need a quick overview of the gas and power industries then this course is perfect for their needs. This succinct training course gives delegates a strong understanding of the commercial and physical dynamics involved along the entire gas and power chain.

During this one-day course, delegates walk through every link of the gas value chain, from exploration, development and production to transportation and end-users. By running Introduction to Gas and Power in-house, you have the opportunity to emphasise certain topics relevant to your particular business ensuring your staff receive the training and information they need to drive your business forward. You are also free to choose the date and location that suits you giving you maximum flexibility.

Delegates on Introduction to Gas and Power gain strong practical and commercial insight into the gas chain and how the links fit together. The course blends expert tuition, individual and group exercises, structured discussions with plenty of time for delegates to ask questions regarding the industry and your business in a confidential environment.

Who should attend?

Newcomers to the industry, recent graduates, junior analysts, technical support staff, administrators, business support staff.

During Introduction to Gas and Power delegates will:

- **“Join the dots” from upstream to downstream**
- **Develop an understanding about links of the gas and power chain**
- **Get a feel for the situations and dilemmas facing oil and gas companies in this challenging industry**
- **Gain insight into how the latest developments impact the gas and power industries**

Registration and welcome breakfast >>

Gas and other primary fuels

- What are the world’s major fuels and how are they used?
- The development of the natural gas business
- Regional primary fuel consumption, production and balance
- **Exercise: The gas chain:** You will arrange the components of the gas chain business and “build” the gas chain from upstream to end-user consumer

What is natural gas? How do you find and produce it?

- What is natural gas made of?
- How are oil and gas formed? How do we find it?
- The environmental impacts of hydrocarbons

- The technical and commercial processes behind exploring and developing a gas field

How do you move and store natural gas?

- Once gas is discovered what are the options?
- How do you get gas to the market?
- Pipeline vs. LNG
- **Exercise: The tyrannies of distance:** Pipeline or LNG? That is the question! A series of exercises designed to introduce you to the commercial realities of the gas business

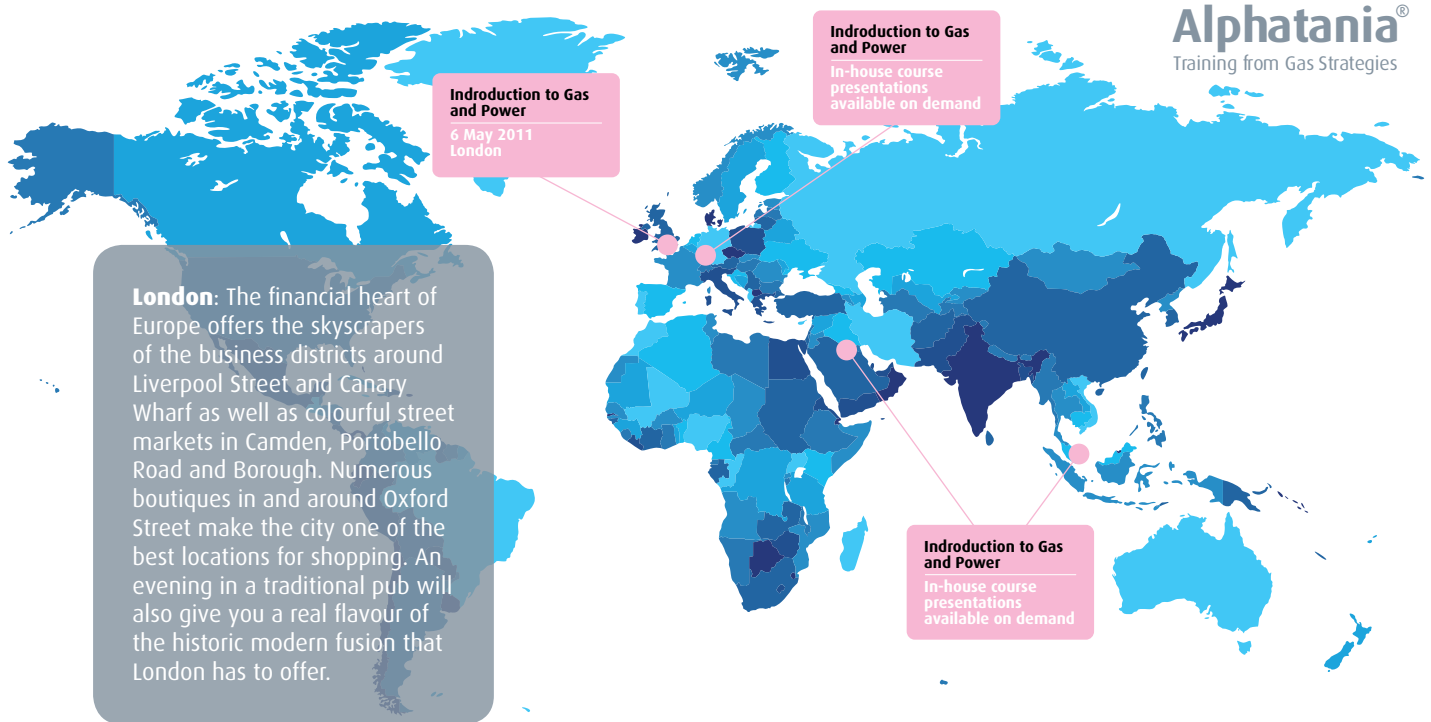
Course lunch >>

Alphatania® training offer a range of benefits wherever you attend our courses around the world...

- Our venues are selected for their central location, superior accommodation, fantastic facilities and great services.
- You pay one inclusive price that covers accommodation, all lunches and some evening meals.
- Alphatania® courses will give you an opportunity to share knowledge, network and socialise with fellow delegates from all over the world.

- The Alphatania® faculty combine their active roles within the gas and LNG industry with their training activities. They are globally active in advising major clients through Gas Strategies Consulting and bring exceptional industry experience and insight.
- Exclusive area on the Alphatania® training section of the Gas Strategies website ensures delegates can maintain their contacts and find out about new courses.

Contact the Alphatania® team on +44 (0) 20 7332 9911 or go to www.gasstrategies.com/training



What are the commercial realities?

- Building the gas contract chain
- Gas sales contracts and customers
- **Exercise: Netbacks:** Low transport costs to a low price market vs. higher transport costs to a market with a volatile price? You will calculate the netback price to establish the potential rewards

Electricity and gas

- What are the fuel sources for power?
- The electricity chain
- Power station types: thermal, CCGT, nuclear and renewable

What happens downstream?

- What do you need to forecast gas demand?
- Why is storage needed? What types of storage are there?
- Traditional vs. liberalised gas markets

- **Exercise: The risks:** Price isn't everything as the risks of each market become clearer. Based on "real-world" examples you will examine the risks inherent in different markets

How is the gas world developing?

- What does the gas world look like today and what are the key issues?
- The North American LNG frenzy
- Europe: Supply security and market behaviour
- Africa: The new centre of Atlantic Basin LNG?
- Russia: The upstream industry and Gazprom
- Asia: Developments in India, China and Australia

The Course Team: Our course faculty combine their active roles within the gas and LNG industry with their training activities. They are globally active in advising major clients through Gas Strategies and bring exceptional experience and insight of the industry.

The Introduction to Gas and Power team has broad-based experience across the entire gas chain, with expertise in LNG, European and African gas markets, supply/demand forecasting and gas and power in the Asia Pacific.

Please note: course content and the running order are subject to change.

Registration Form

Four easy ways to register...

1. ONLINE AT: www.gasstrategies.com/training
2. FAX THIS FORM BACK TO: +44 (0)20 7332 9901
3. EMAIL US AT: orders@gasstrategies.com
4. CALL US ON +44 (0) 20 7332 9911

For information on multiple bookings to any Alphatania® course please contact the Alphatania® team.

Introduction to Gas and Power :

Succinct training course giving delegates a strong understanding of the dynamics involved along the entire gas and power chain.

6 May 2011, London - and other international venues on demand

Personal details

Title: Mr / Mrs / Ms / Other.....

Full Name:

Job Title:

Department:

Company:

Address Line 1:

Address Line 2:

City:

Postcode:

Country:

Telephone:

Email Address:

Please note that all fields are mandatory. We will need to contact you by email to confirm your booking and send details of the course.

Payment Details

2011 Delegate fee for London: £690.00 + VAT
Prices for all in-house courses available on application

6 May 2011, London

In-house training request. Please state no. of delegates _____

Please choose one of the following methods of payment:

Credit card Visa Mastercard

Card holder:

Card Number:

Expiry date:

Security code (last 3 digits on the back of your card):

Signed:

Date:

BACS Cheque (payable to Gas Strategies Group Ltd)

N.B. You will receive an invoice upon registration confirmation.

Terms & Conditions

Substitutes can be made up to 5 days prior to a course by contacting Gas Strategies Group Limited in writing. If you have to cancel between the registration date and 20 working days prior to the course you will incur a 20% cancellation fee. If you have to cancel within the 20 working day period running up to the course you will be liable to pay the full course fee. We therefore recommend you send a replacement.

Please tick the box to confirm that you agree to the terms and conditions

Data Protection: The information you provide will be safeguarded by Gas Strategies Group Limited and will not be passed onto third parties. We will occasionally send you information regarding Gas Strategies Group's products.

If you object to being contacted by telephone: fax: or email:
please tick the relevant box(es).

About Gas Strategies

Gas Strategies is a specialist professional services organisation providing commercial energy advisory services globally. We operate in all sectors of the supply chain: upstream, midstream and markets, and cover the full LNG Value Chain and gas-to-power. Our clients benefit from a strong business model in which our integrated service lines combine to bring powerful solutions, meeting their specific needs through Consulting, Training, and Information Services.

Gas Strategies publications

Gas Strategies publications are powerful resources that give you a comprehensive overview of the latest trends and challenges facing the global gas and LNG industry. From in-depth analysis in Gas Matters and LNG Business Review to daily industry commentary in Gas Matters Today, we provide you with all the latest information you need to make informed and strategic business decisions.

www.gasstrategies.com/publications

