

Geopolitics and risk in the oil and gas industry

19–22 July 2010, London, UK

EI member £2,585.00 inc VAT Non-member £2,820.00 inc VAT*

*includes complimentary Affiliate membership to the Energy Institute



Risk is a multi-faceted phenomenon impacting all sectors of the oil and gas industry in a variety of ways. Unfortunately, the industry as a whole does not manage risk adequately and, consequently, has suffered repeatedly from disappointing long-term returns and growth from capital invested. The industry has no standard method for assessing and adjusting for risk. Disagreement is widespread over what constitutes a comprehensive risk assessment and adjustment scheme. This course outlines systematic, holistic and quantifiable approaches to risk management and integrates this with an overview of the regional and global geopolitical issues that now confront the oil and gas industry.

The course addresses risks from upstream, downstream, strategic, portfolio and corporate perspectives, and how they influence the valuation of assets. It addresses community, contractual, environmental, financial, fiscal, political, public relations, safety, security and technical risks, and the techniques used to assess, quantify and mitigate them in various risk valuation procedures.

Course Content

The course includes some short exercises and case studies.

Day one

- Approaching oil and gas projects with a global mind-set
- Defining a risk, opportunity and uncertainty management process
- Tangible upstream sub-surface and above-ground uncertainties
- Less tangible political, fiscal, market and trading uncertainties
- Qualitative and semi-quantitative approaches to analysing risk
- Country databases for benchmarking industry risks and performance
- Probabilistic and simulation methods to quantify risk
- Discounted cash flows and expected monetary values
- Primary and secondary consequences of risk events
- Integrating financial, community and environmental aspects of risk analysis
- Energy geopolitics case studies: Nigeria; West Africa
- Energy geopolitics case studies: Russia; Caspian

Day two

- Milestone, holistic and systematic approaches to risk management
- Establishing project context and securing commitment
- Identifying and analysing specific risks using expert panels
- Performing and interpreting quantitative risk analysis
- Incorporating sensitivity and scenarios into flexible risk and decision analysis
- Ranking potential events and constructing risk/opportunity profiles
- Devising risk mitigation and opportunity exploitation strategies
- Decision-trees and matrices dynamically linked to simulations

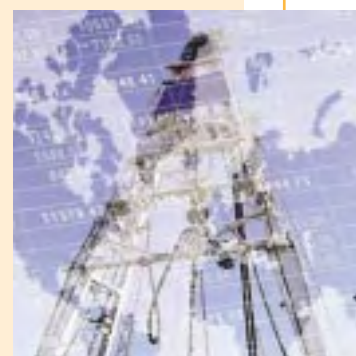
- Applications and pitfalls of real options and complex decision analysis techniques
- Energy geopolitics case studies: North Sea; North Africa
- Energy geopolitics case studies: South America; Middle East

Day three

- Insurance and contracting strategies to mitigate and transfer risk
- Alliancing, joint-venturing and incentives to improve commitment
- Risks associated with project finance of energy projects
- Quality, safety, security and environmental risk management systems
- Implementing risk management strategies and monitoring performance
- Risks specific to the oil supply chain (Exploration to Trading)

Day four

- Competitive bidding for upstream licences: risks and pitfalls
- Risks associated with estimating and controlling project costs
- Risks specific to the gas supply chain (including LNG and GTL)
- Risk and valuation modelling of oil and gas asset portfolios
- Energy geopolitics case studies: Asia; China
- Energy geopolitics case studies: South America; Middle East



Who should attend?

The course is structured to appeal to a multi-disciplined audience with diverse technical and professional backgrounds and experience levels from within oil and gas companies. However, a range of professionals from the industry support and service sectors (e.g. economics, banking, insurance, legal, negotiation and public relations), including government ministries and departments, could use this course to increase their understanding of risk issues facing all sectors of the industry.

Registration form

To register, by post or fax, please complete this registration form in BLOCK CAPITALS and return it to the address below, together with payment of all fees.

Nick Wilkinson, EI Oil and Gas Training, Energy Institute, 61 New Cavendish Street, London W1G 7AR, UK
 f: +44 (0)20 7255 1472

To register by email, please provide the same contact details (shown below), together with the relevant course details and send to: nwilkinson@energyinst.org To book online, visit: www.energyinst.org

I am/my employer is a member of the EI and entitled to the EI member's rate. EI Membership Number:

Family name: Mr/Mrs/Miss/Ms/Dr/Other:

Given name(s): Name to be used on badge:

Job title or present position:

Company/Organisation:

Name and address against which an invoice should be raised:

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Mailing address for joining instructions (if different to invoice address above):

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Please indicate if you have any particular dietary requirements:

I confirm that I have read and agree to the conditions of registration as specified in the General Information section.

Signature: Date:

Under UK Excise Regulations, delegates from all countries are required to pay VAT on any course taking place in the UK.

Course Title:

Course date: Cost of course: £

Course Title:

Course date: Cost of course: £

Less 10% discount for each **subsequent** delegate from the **same** company attending the **same** course on the **same** date £

TOTAL PAYMENT £

The total amount may be paid by Sterling Cheque or Draft drawn on a bank in the UK.

I enclose my remittance, made payable to the Energy Institute, for: £inc VAT

To pay by Credit or Charge Card, circle appropriate card name and give card details below:



Card No: _ _ _ _ / _ _ _ _ / _ _ _ _ / _ _ _ _ Start Date _ _ / _ _ Expiry Date _ _ / _ _

Please enter your 3-digit* security code above. This will be deleted upon authorisation. *4-digits for Amex users.

Credit/Charge card holder's name and address:

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Signature: Date:

General information

Payment

Full payment must be received before a place can be guaranteed. Under UK Excise Regulations, delegates from all countries are required to pay VAT on any event taking place in the UK. Please note that VAT may be liable to amendment. All prices are correct at the time of going to press, but may be subject to change without prior notice.

Acknowledgement of registration

Confirmation of registration and a VAT receipt will be sent to all delegates. Joining instructions will be sent out prior to the start date of the course. If you have not received your acknowledgement seven days prior to the start date of the course, please contact EI Oil and Gas Training at the Energy Institute to confirm your booking.

Language and course materials

All presentations, course materials and supporting documentation will be presented in English.

Cancellation

In the event of a delegate cancelling, a refund of the registration fee less a 20% administration charge will be made provided that notice is received in writing at least 28 days before the date of the course. No refunds will be paid after that date. However, course papers, as supplied to attendees, will be provided after the event.

Substitution

If you are unable to attend, a substitute delegate may attend in your place, provided that EI Oil and Gas Training is notified in advance.

Enquiries

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About the course provider

The Energy Institute (EI) is the leading professional body for the energy industries, representing almost 12,000 professionals both nationally and internationally.

A Royal Charter membership organisation, the Energy Institute serves society with independence, professionalism and a wealth of expertise in energy matters, creating a home for energy professionals and a scientific and technical reservoir for industry. It is licensed by the Engineering Council (UK) to offer Chartered, Incorporated and Engineering Technician status to engineers.

The Energy Institute (EI) cannot accept any liability for any loss, cost or expense suffered or incurred by

any person arising from reason of war, including threat of war, riots and civil strife, terrorism or threats thereof, natural disaster, weather, fire, flood, drought, technical, mechanical or electrical breakdown within any premises visited by delegates in connection with the course, non provision of services provided by hotel companies or transport operators, industrial disputes, governmental action, regulations, or technical problems which may affect the services provided in connection with the event. The right to exclude any delegate, guest or substitution and to reject any application for registration is reserved. The Institute reserves the right to make any changes to the courses as considered necessary.

DATA PROTECTION ACT

The EI will hold your personal data on its computer database. This information may be accessed, retrieved and used by the EI and its associates for normal administrative purposes. If you are based outside the European Economic Area (the 'EEA'), information about you may be transferred outside the EEA. The EI may also periodically send you information on membership, training courses, events, conferences and publications in which you may be interested. If you do not wish to receive such information, please tick this box

The EI would also like to share your personal information with carefully selected third parties in order to provide you with information on other events and benefits that may be of interest to you. Your data may be managed by a third party in the capacity of a list processor only and the data owner will at all times be the EI. If you are happy for your details to be used in this way, please tick this box