

GAS ARABIA 2009

4TH ANNUAL MEETING



Key panel members

Ismail Al Ramahi, Manager, Gas Processing Division, Exploration and Production Directorate, **ABU DHABI NATIONAL OIL COMPANY (ADNOC)**

Rashid Al Jarwan, General Manager, **DANAGAS**

Martin Trachsel, Vice President, Middle East and Gulf, **SHELL INTERNATIONAL GAS AND POWER**

Magdy Metwally, Chairman and Managing Director, **NATIONAL GAS COMPANY (NATGAS)**

Mohammed Ahmad Husain, Deputy Managing Director, Planning and Gas, **KUWAIT OIL COMPANY (KOC)**

Hasan Al Marzooqi, Deputy General Manager, **ABU DHABI GAS LIQUEFACTION COMPANY LIMITED (ADGAS)**

Nafez Bseiso, Subsurface Technical Manager, **RASGAS**

Henk Grootjans, Engineering Manager, **QATARGAS OPERATING COMPANY**

Klaus Angerer, General Manager and Director, Business Development Middle East, **OMV ABU DHABI**

Benefits of attending

- **GAIN** exclusive insight into the Middle Eastern gas industry as market leaders share the challenges that they face, technologies that they are implementing and future plans during formal conference sessions, interactive discussions and informal social gatherings.
- **MEET** with over 150 Middle Eastern gas experts and decision makers to build fruitful contacts, share common business goals and exchange ideas.
- **ASSESS** the supply, demand and pricing issues affecting the industry so that you can develop and refine your strategy going forward.
- **DEVELOP** a holistic understanding of the market through a diverse combination of strategic and technical presentations from our expert speaker panels covering the entire value chain.
- **HEAR** the latest developments in processing and handling sour gas at our 2009 Sour Gas Middle East Workshop so that you can improve upon your existing strategies and processes.

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GAS ARABIA 2009

WHY THIS CONFERENCE?

Regularly attracting over 150 participants, the Gas Arabia Conference has established itself as the meeting place for senior decision makers and technical experts from the region's leading operating companies. Join us as we return to Abu Dhabi from 10-12 February 2009 to gain a comprehensive overview of the market and meet influential decision makers and experts.

Supply, demand and pricing issues are of paramount concern in the Middle East gas sector. Record oil revenues and a more than five-fold increase in oil prices since 2002 have fuelled economic expansion and the rapidly rising demand for gas in the Middle East region. With rising demand for gas and fierce competition between industries, Middle East gas supply is struggling to keep pace. Regional needs compounded by global demand is the driving factor behind the development of major gas pipeline projects as well as the LNG industry in the Middle East. By 2018, the GCC will invest over \$320 billion in its energy sector to develop oil, gas power and petrochemical projects.

2008 saw the announcement of major plans for the Middle East gas market in addition to speculation around a potential gas cartel. Holding the second largest gas reserves in the world, Iran has ambitious plans to become the second largest gas exporter worldwide after Russia. Qatar's LNG production capacity is expected to reach 77 million tons per year by 2010. In addition, the winner of the contract for the anticipated \$10 billion dollar project to develop sour gas reserves in the UAE was announced. How will all of these developments affect the regional and global markets, particularly with regards to supply, demand and pricing? How can the region meet its own gas needs while at the same time capitalise on the growing global gas demand?

Gas Arabia 2009 will answer these questions as well as provide insight into the current and future developments of ongoing regional projects. Executive speaker panels will cover the entire value chain from upstream gas exploration and production, transportation and distribution challenges, through to downstream gas processing and associated technologies.

In addition, the 2009 Sour Gas Workshop will explore sour gas development as well as the subsequent safe handling, treatment, storage and disposal of its contaminants. Sour gas development has emerged as an alternative means to meet growing gas demands; however

with its potentially deadly hydrogen sulphide content, its production is more complex, dangerous and expensive than natural gas. We will also address some of the key issues arising from sour gas development such as best practices for CO2 emissions in addition to how the sulphur market is evolving.

Complementing the formal conference presentations, our roundtable discussions and interactive panel sessions will allow you to deepen your understanding of the key issues affecting the market. In addition, various social networking opportunities will enable you to make new contacts that can make a real difference to your business.



Ismail Al Ramahi,
Manager, Gas Processing
Division, Exploration and
Production Directorate,
ABU DHABI NATIONAL OIL
COMPANY (ADNOC)

ABOUT THE ENERGY EXCHANGE

The Energy Exchange has achieved worldwide recognition for the organisation of high level, strategic and technical conferences within the upstream oil and gas and alternative energy sectors. Our industry events are renowned as market leaders for the global oil and gas industries.

Due to our strong and long standing relationships with governments and all of the major oil and gas producers worldwide, we ensure our conferences consistently tap into the key issues affecting the industry and we bring together the principle influencers to share their thoughts, ideas and vision with you, our audience.

Our annual events take place across the globe in Europe, CIS, Russia, Middle East and Asia. They take centre stage in the oil and gas calendar together with our awards which are increasingly becoming a sought after commodity to highlight best practice excellence within the industry.

WHO SHOULD ATTEND?

- Exploration and Production Executives of Regional and International Companies
- Gas Field Project Developers and Technology Suppliers
- Process and Technology Support Advisors, Licensors and Engineers
- Major Engineering and Technology Providers
- Gas Supply and Operations Executives
- Drilling Operation Executives
- Reservoir Managers and Engineers
- Gas Plant Managers and Engineers
- Field Operations Managers and Engineers

2008 TESTIMONIALS

An excellent forum to meet, hear and learn from the experts in the GCC gas industry and how they are dealing with common problems.

Fahad Al Ghanem, Senior Gas Engineer, KUWAIT OIL COMPANY

Excellent – very interesting presentations on the state of the Middle East gas development.

John Roberts, Energy Security Specialist, PLATTS

An excellent conference to add value and exchange know-how with the gas industry.

Karim El Hanafi, Senior Project Manager,
Middle East Operations, MS.GIS

2009 SOUR GAS WORKSHOP: TUESDAY 10 FEBRUARY 2009

08:00 Workshop registration and coffee

09:00 Opening address and business card exchange

09:15 Session one: Regional and global opportunities and developments

- Satisfying the growing gas demands of the Middle East and global markets: Special focus on UAE project updates.
- Sour hydrocarbon developments in South Oman: A PDO case study on strategies to tackle the technical, environmental, operational and organisational challenges faced. A particular emphasis on the application of frontier surface and subsurface technologies, gas treatment considerations, high pressure operations and sustainable development.

Alexander Weber, Cluster Leader, Sour Gas Development, **PETROLEUM DEVELOPMENT OMAN (PDO)**

10:45 Coffee break

11:15 Session two: Sour gas processing, safe handling and effective disposal

- Case study: Exploring ADCO's gas compression facilities.
- Case study: RAKGAS plant processes and key challenges faced.
- Case study: Wintershall experience in sour gas development.

Adel Al Jaber, Gas Engineering Manager, **ABU DHABI COMPANY FOR ONSHORE OPERATIONS (ADCO)**

Ruurd Abma, Chief Operating Officer, **RAKGAS**

Wolfgang Herget, Senior Advisor, New Business Exploration and Production, **WINTERSHALL**

12:45 Lunch

14:15 Session three: Technologies and best practices for sour gas management and transportation

- Enabling the development of sour gas resources and geosequestration of acid gases: A look at the Controlled Freeze Zone™ technology.
- Case study: Managing offshore processing, transportation and pipeline challenges.
- Hydrocarbon rich gas versus hydrocarbon lean gas. A look at the impact on acid gas removal and technology selection.

Jaime A. Valencia, Engineering Associate, **EXXONMOBIL**

15:15 Coffee break

15:45 Session four: Roundtable discussions

TABLE 1: Best practices and alternatives for CO₂ and sulphur disposal. Sulphur recovery versus re-injection.

TABLE 2: Assessing the evolving sulphur market and the impact on the region.

17:00 Close of workshop

19:00 Pre-conference registration and welcome reception

DAY ONE: WEDNESDAY 11 FEBRUARY 2009

08:00 Registration and coffee

09:00 **Opening welcome address**

Ismail Al Ramahi, Manager, Gas Processing Division, Exploration and Production Directorate, **ABU DHABI NATIONAL OIL COMPANY (ADNOC)**

09:15 Session one: Overview of the current climate and future outlook of the Middle East gas market

Chairman: Hasan Al Marzooqi, Deputy General Manager, **ABU DHABI GAS LIQUEFACTION COMPANY LIMITED (ADGAS)**

- Opportunities, prospects and challenges for the Middle East gas sector: Assessing potential scenarios for regional gas development and considering the opportunities and challenges facing consumers and suppliers in the region.
- Case study: Exploring the developments and future plans for DanaGas.
- Roadmap for future gas business in Kuwait – gas history, maximisation of associated gas collection, phased development for non-associated gas in North Kuwait, exploration and gas value chain integration.

Martin Trachsel, Vice President, Middle East and Gulf, **SHELL INTERNATIONAL GAS AND POWER**

Rashid Al Jarwan, General Manager, **DANAGAS**

Mohammed Ahmad Husain, Deputy Managing Director, Planning and Gas, **KUWAIT OIL COMPANY (KOC)**

10:45 Coffee break sponsored by



11:15 Session two: Middle East gas import, export, supply and demand

Chairman: Michael Corke, Senior Vice President, **PURVIN AND GERTZ INC.**

- Examining the current market situation in Egypt – supply, demand, utilisation and gas export issues.
- Exploring the contribution of a gas hungry European company to the Middle East gas market.
- Assessing LNG as a potential catalyst to address Europe's natural gas supply challenges.
- Challenges of producing gas for export currently facing the Middle East region.

Rashad Mohamed Aly, General Manager, National Gas Grid, **EGYPTIAN NATURAL GAS HOLDING COMPANY (EGAS)**

Klaus Angerer, General Manager and Director, Business Development Middle East, **OMV ABU DHABI**

Dr Salman Saif Ghouri, Senior Economist, **QATAR PETROLEUM**

John Roberts, Energy Security Specialist, **PLATTS**

12:45 Lunch sponsored by



14:15 Session three: LNG prospects and developments in the Middle East

- Middle Eastern LNG – between market and saturation. Exploring the evolving global LNG environment, domestic gas demand and effect on downstream projects.
- RasGas case study: Delivering on Qatar's expectations. A look into how RasGas' expansion and partnerships will support Qatar's long-term strategy to meet the growing need for energy for many years to come.
- Case study: A look into Repsol LNG integrated projects.

Rudolf Huber, Head of Business Development, **ECONGAS**

Nafez Bseiso, Subsurface Technical Manager, **RASGAS**

Mauricio Mariaca Alvarez, LNG Business Development Deputy Director, **REPSOL**

15:45 Coffee break sponsored by

15:45 Session four: Roundtable discussions

This session will be devoted to interactive open discussions providing the opportunity for increased information exchange.

Each Roundtable Chairman will make a formal presentation to all attendees of their activities in their specialised sector and the key issues that will be discussed at their table. Following the presentations, attendees will be invited to select the table of their choice and engage in the interactive discussions.

TABLE 1: Middle East gas pricing

TABLE 2: Gas supply and demand within the Middle East

17:00 Close of day one and social networking reception



DAY TWO: THURSDAY 12 FEBRUARY 2009

08:00 Registration and coffee
09:00 Opening address and business card exchange


09:15 Session five: Exploration and production activities within the Middle East region

- Addressing the technical and commercial challenges of gas exploration in the Northern Emirates.
- New gas field discoveries – update on new finds and planned activity.
- Exploring the Wintershall experience in developing challenging gas reservoirs and its potential application in Arabia. Specific focus on HSE management and environment protection, gas-condensate production from complex reservoirs, sour gas production in densely populated areas, and gas production from deep and tight reservoirs.

Alain Duport, Managing Director, **RAK PETROLEUM**

Senior Representative, **PÖYRY ENERGY LTD, ABU DHABI**

Wolfgang Herget, Senior Advisor, New Business Exploration and Production, **WINTERSHALL**

10:45 Coffee break sponsored by 

11:00 Session six: Gas transportation and distribution throughout the Middle East and to international markets

- Exploring the prospects of shared gas pipelines and LNG supply with the South Asian and European regions.
- Case study: Egypt's National Gas Company (NATGAS). An overview of their role within Egypt's private gas market. Key topics will cover general gas distribution issues and their experience of Egypt's gas distribution infrastructure.
- Arab gas pipeline project update and the impact on the region.

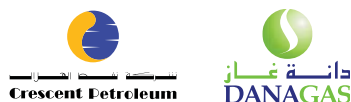
Dr Gulfaraz Ahmed, Chief Operating Officer, **PETROLEUM EXPLORATION (PVT) LIMITED**

Magdy Metwally, Chairman and Managing Director, **NATIONAL GAS COMPANY (NATGAS)**

Ahmed El Ashmawi, Head of Minister's Technical Office, **MINISTRY OF PETROLEUM EGYPT***

* Subject to final confirmation

12:30 Lunch sponsored by




14:00 Session seven: Current and future plans for upstream and downstream project developments

Chairman: Henk Grootjans, Engineering Manager, **QATARGAS OPERATING COMPANY**

- Exploring UAE gas demand and future shortages solutions.
- Upstream developments and project updates. Special focus: Qatar, Iraq, Oman and the UAE.
- Impact of capturing Iraq's flared gas on the development of petrochemical industries. This presentation will explore previous planned petrochemical projects in Iraq, rehabilitation and expansion opportunities in addition to the vision for new petrochemical projects.
- Refinery and petrochemical plant integration – Is this the way forward?

Khalid Malallah Al Awadi, Gas Operations Manager, **EMARAT**

Dr Mustafa Al-Jarrah, Former Director General of Iraq State Company for Petrochemical Industries and Independent Petrochemicals Consultant

15:15 Coffee break sponsored by 

15:45 Session eight: Technologies for the optimisation of Middle Eastern gas projects

- Global experiences on Fast Track Modular Gas Processing: A look at projects using an unconventional model.
- Case study: Early production and flare gas recovery.
- Optimising existing facilities – technologies for improved efficiency and profitability.

Pedro Diaz, Business Development Manager, **EXTERRAN MIDDLE EAST**

Akmal Zaghoul, Business Development General Manager, **ARAB COMPANY FOR ENERGY (TAQA)**

17:00 Closing address and close of conference



To stimulate full interaction between speakers and attendees, panel question and answer discussions will follow each session.

SOME OF THE PANEL MEMBERS YOU WILL MEET:



ISMAIL AL RAMAHI
Manager, Gas Processing Division, Exploration and Production Directorate **ABU DHABI NATIONAL OIL COMPANY (ADNOC)**



RASHID AL JARWAN
General Manager **DANAGAS**



MARTIN TRACHSEL
Vice President, Middle East and Gulf **SHELL INTERNATIONAL GAS AND POWER**



MAGDY METWALLY
Chairman and Managing Director **NATIONAL GAS COMPANY (NATGAS)**



MOHAMMED AHMAD HUSAIN
Deputy Managing Director, Planning and Gas **KUWAIT OIL COMPANY (KOC)**



HASAN AL MARZOOQI
Deputy General Manager **ABU DHABI GAS LIQUEFACTION COMPANY LIMITED (ADGAS)**



NAFEZ BSEISO
Subsurface Technical Manager **RASGAS**



HENK GROOTJANS
Engineering Manager **QATARGAS OPERATING COMPANY**



ALAIN DUPORT
Managing Director **RAK PETROLEUM**



KLAUS ANGERER
General Manager and Director, Business Development Middle East **OMV ABU DHABI**



DR GULFARAZ AHMED
Chief Operating Officer **PETROLEUM EXPLORATION (PVT) LIMITED**



DR MUSTAFA AL-JARRAH
Former Director General of Iraq State Company for Petrochemical Industries and Independent Petrochemicals Consultant



JAIME A. VALENCIA
Engineering Associate **EXXONMOBIL**



RUDOLF HUBER
Head of Business Development **ECONGAS**








MAURICIO MARIACA ALVAREZ
LNG Business Development Deputy Director **REPSOL**

REGISTRATION FORM

GAS ARABIA 2009 4TH ANNUAL MEETING

ABU DHABI, UAE 10-12 FEBRUARY 2009

5 EASY WAYS TO REGISTER

 www.theenergyexchange.co.uk/gasa09  The Energy Exchange, 4th Floor, 86 Hatton Garden, London, EC1N 8QQ
 +44 (0) 20 7067 1800 or +44 (0) 1242 529 090  +44 (0) 20 7430 9513 or +44 (0) 1242 582 157  d.andrews@theenergyexchange.co.uk

REGISTRATION FEE

- 3 Days – 4th Annual Meeting and Sour Gas Workshop £1490, €2235, \$3204
- 2 Days – 4th Annual Meeting £995, €1493, \$2139
- 1 Day – Sour Gas Workshop only £595, €893, \$1279
- I am unable to attend but would like to purchase the proceedings £400, €600, \$840

Please note: dollar and euro prices are given as a guide and are subject to exchange rate fluctuation. VAT will be charged at the appropriate rate where applicable.

DELEGATE DETAILS

Title	First Name	Last Name	Job Title	Email

To register more than 3 delegates, please photocopy this booking form. Group discounts are available from more than 3 registrants, please email d.andrews@theenergyexchange.co.uk for further information.

Company Name _____

Nature of Business _____

Address _____

City _____ State/Country _____

Country _____ Zip/Postcode _____

Telephone _____ Fax _____

Authorised by _____ **Signature** _____

Company CEO / MD / GM _____ Head of Gas / Head of Gas Processing _____

Head of Exploration and Production _____ Head of Technology / Technical Manager _____

ADMINISTRATION DETAILS

Accounts payable contact _____

Title _____ First Name _____ Last Name _____

Telephone _____ Email _____ EU customers VAT number _____

PAYMENT DETAILS – Please tick your chosen method of payment

I will pay by bank transfer/invoice I will pay by credit card
Visa Mastercard Amex Credit Card Number
Issue No Expiry Date IBAN No

Name of cardholder _____ Address _____

Signature of cardholder: _____

PAYMENT – TERMS AND CONDITIONS CONFIRMATION:

Our official confirmation, invoice and hotel booking details will be emailed to you within 3 days of receiving your registration.

PAYMENT:

Payment of the full delegate fee is due 14 days after the invoice date, or immediately, if the registration is made within one month of the event. Our full bank account details are on the invoice.

Please note your booking is valid only after full payment is received. We recommend you check with your Finance Department that payment has been made before traveling to the Conference.

CANCELLATIONS:

Made one month prior to the start of the conference will be refunded less a 50% administrative charge. Refund will be made after the conference.

Made within one month of the start date of the conference will receive no refund. Substitutes are acceptable at any time.

FORCE MAJEURE:

Please note that in case of force majeure The Energy Exchange is relieved of all obligations. Force majeure includes any circumstances beyond the will of The Energy Exchange, that impedes permanent or temporary compliance with the obligations, such as 'acts of god' including war, danger of war, government regulations, revolts, strikes, transportation difficulties, fire or severe disturbances affecting the conference organisation or its suppliers.

ADMINISTRATION – TERMS AND CONDITIONS

OFFICIAL VENUE AND HOTEL ACCOMMODATION

Le Royal Meridien Hotel Abu Dhabi, P.O. Box 45505, Abu Dhabi, United Arab Emirates Tel: +971 2 6742020, Fax: +971 2 6950445. The cost of the hotel accommodation is not included in the conference fee. The Energy Exchange has negotiated preferential rates at the hotel (Classic single room at Dh 1,650.00 per room per night. The hotel rate excludes breakfast and is subject to 10% Service Charge and 6% Tourism Fee) for attendees of the event. Please contact Jenny Seaton via email on j.seaton@theenergyexchange.co.uk for a hotel booking form or accommodation related queries.

REGISTRATION FEE

The registration fee covers attendance at all sessions, refreshments, lunches, receptions and documentation containing the speaker presentations. Please note it may be necessary to alter the content or timing of the programme or its speakers. Please note that VAT is not included and will be added at the appropriate rate where applicable.

LANGUAGE

The official conference language will be English.

CUSTOMER SERVICES

For questions concerning your registration, attendance, visa support and invoice payments, please contact our Customer Services Department, Tel: +44 (0)1242 529 090, Fax: +44 (0)1242 582 157.

BOOKING CODE **W**

Why you should attend the 4th Annual Gas Arabia Conference

Over the last three years the Gas Arabia Conference has established itself as the meeting place for senior decision makers and technical experts from the Middle East's major players in addition to the biggest players from Europe and the United States. Combining high level, thought leading and strategic presentations with specific and technical case studies makes this unique event a MUST ATTEND for your 2009 calendar.



You will gain exclusive insight into the region's biggest projects through first hand updates in addition to an overview of the current and future state of the Middle Eastern gas market.

Conference highlights:

- Pre-conference Sour Gas Workshop
- First hand mega project updates in the region
- Best practices for gas processes from the entire value chain
- Social networking receptions with over 150 gas experts and decision makers

By bringing together the entire Middle Eastern gas value chain, Gas Arabia provides outstanding networking opportunities where you can develop new partnerships and share your experiences with market leaders.

SPONSORSHIP OPPORTUNITIES

Do not miss this unique opportunity to raise your corporate profile in the Middle Eastern gas sector.

Whether you are looking to promote your thought leadership, technological developments or position in the market, tailor-made sponsorship packages are available to help you meet your business needs.

Designed to provide your organisation with maximum promotion before, during and following the conference to a specific and targeted audience, our packages offer unparalleled branding and business development opportunities. In addition, you will have the opportunity to meet with your target audience during the conference in a relaxed, yet business focussed environment.



LIMITED OPPORTUNITIES AVAILABLE

To discuss your sponsorship requirements in further detail, please contact:

Dominica Andrews, Conference Manager, on
Tel: +44 (0)207 067 1800 / **Fax:** +44 (0)207 430 0552
Email: d.andrews@theenergyexchange.co.uk

SPONSORS



Forthcoming Middle Eastern Conferences



- **Plant Reliability and Asset Management Workshop**, 12 January 2009, Abu Dhabi, UAE
- **Plant Maintenance Middle East – 2nd Annual Meeting**, 13-14 January 2009, Abu Dhabi, UAE
- **Sour Gas 2009 – 2nd Annual Meeting**, 10 February 2009, Abu Dhabi, UAE
- **Gas Arabia 2009 – 4th Annual Meeting**, 11-12 February, 2009, Abu Dhabi, UAE
- **Middle East Fertilizer Symposium – 2nd Annual Meeting**, 2-3 March 2009, Abu Dhabi, UAE
- **The Middle East Refining Conference – 10th Anniversary Meeting**, 23-25 March 2009, Abu Dhabi, UAE
- **The Middle East Fuels Symposium – 3rd Annual Meeting**, 26 March 2009, Abu Dhabi, UAE
- **Oil and Gas Pipelines in the Middle East – 9th Annual Meeting**, 4-6 May 2009, Abu Dhabi, UAE
- **Petchem Arabia – 4th Annual Meeting**, 2-4 November 2009, Abu Dhabi, UAE