

OIL AND GAS PIPELINES IN THE MIDDLE EAST

9TH ANNUAL MEETING



KEY PANEL MEMBERS

- Mohammad Makkawi**, Projects Director, **CRESCENT PETROLEUM** and **DANAGAS** and General Manager, **UNITED GAS TRANSMISSIONS COMPANY LTD (UGTCL)**
- Hasan Al Marzooqi**, Deputy General Manager, **ABU DHABI GAS LIQUEFACTION COMPANY (ADGAS)**
- Shabbir Safri**, Senior Engineer, Inspection and Corrosion, **KUWAIT OIL COMPANY (KOC)**
- Mohamed Juma**, Assistant General Manager, New Development, **ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)**
- Dafer Al Fahad**, Pipelines Technical Support Division, **SAUDI ARAMCO**
- Khalid Malallah Al Awadi**, Gas Operations Manager, **EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)**
- Kamal Morsi**, Production and Facilities Engineering Manager, Onshore Division, **ABU DHABI NATIONAL OIL COMPANY (ADNOC)**
- Ali Noor Moosavi**, Technical Integrity Support Manager, **ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)**

BENEFITS OF ATTENDING

- Meet industry professionals from major regional and international pipeline companies to build useful contacts and share common business goals
- Hear first hand the latest technologies to hit the market to assist with your specific pipeline requirements, providing your technical solutions
- Benchmark your strategies against your competitors' activities
- Participate within our unique business card exchange enabling you to establish key contacts within the sector helping develop long term business relationships
- Take your questions and challenges directly to the people who have the answers you need at the Roundtable Discussions
- Sample the delights of the desert with your fellow colleagues during our desert safari hosted by ADNOC

www.theenergyexchange.co.uk/mepipes09

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OIL AND GAS PIPELINES IN THE MIDDLE EAST

WELCOME

Dear colleague

On behalf of The Energy Exchange, it gives me great pleasure to welcome you to our 2009 Oil and Gas Pipelines in the Middle East Conference.

2009 is set to be a challenging year for many of us and a time when we need to ensure wherever possible that we are creating the right opportunities for new business development.

What better way to do this than to get together with the Middle East's leading oil and gas pipeline executives at the 9th Annual Middle East Oil and Gas Pipeline Conference.

With an agenda designed in conjunction with industry experts to keep you right up to date with the latest developments impacting the regions sector, from strategic pipeline projects right through to new technology developments to aide your operations, we guarantee that this really is **the only** business and networking meeting in 2009 that you need to attend!

Industry executives are already confirming their participation at the regions one and only **one stop pipeline shop**. Where will you be?

You will see that this year we have refreshed our brochure making it clearer and easier for you to see at a glance how this conference has evolved in addition to the calibre of speakers that we have attracted. This change is also reflected in our website at www.theenergyexchange.co.uk/mepipes09 where you will find details of the latest updates to the programme.

The past eight years have been very exciting for our Pipeline series of conferences and with the 2009 Meeting taking place over the course of three constructively focused business days, I would personally like to invite you to join us in Abu Dhabi.

My kindest regards

Claire Pallen
Director, Middle East Operations



WHY THIS CONFERENCE?

With both worldwide and regional demands for oil and gas continuing to increase, it remains vitally important that supplies are able to reach the market quickly and efficiently.

Pipelines are vital in creating an effective transportation network, thus new pipeline projects are welcomed by the industry and keeping existing pipelines maintained with full operational ability continues to be an area of ongoing importance.

Our 2009 Annual Meeting will address the issues right at the heart of pipeline challenges including: integrity management, rehabilitation and maintenance, inspection, on-site repair and development and construction.

New for 2009, we are pleased to announce the introduction of our specialist Middle East Pipeline Rehabilitation Procedures and Methodology Workshop.

Pipeline Rehabilitation has always been a major concern for pipeline operators who are constantly looking for new and improved rehabilitation techniques to improve the lifespan of their pipelines in order for them to remain operational.

The 2009 Workshop will delve deep into leading rehabilitation techniques being utilised within the Middle East enabling participants to take away practical insights and key learning's.

ABOUT THE ENERGY EXCHANGE

Since 1997, 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 in their fields.

Due to our strong and long standing relationships with governments and all of the major oil and gas producers worldwide, we ensure our events 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, the 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 of excellence within the industry.

WHO SHOULD ATTEND?

- Pipeline Integrity, Rehabilitation, Maintenance, Inspection Specialists: Managers, Engineers and Technicians
- Gas Producers, Transporters and Distributors
- Major Engineering, Technology Manufacturers, Contractors and Providers
- Pipeline Technology Support Advisors and Licensors
- Gas Marketers and Sellers
- Pipeline Equipment Manufacturers and Suppliers
- Pipeline Project Management Specialists
- Pipeline Engineering and Construction Contractors
- Senior Executives of International and Regional Oil and Gas Majors
- Government and Legislation Officials
- Pipeline Project Financiers and Lawyers
- Oil and Gas Supply Executives
- Pipeline Operations and Planning Managers and Engineers
- Pipeline Coating Managers and Engineers

2008 TESTIMONIALS

The Energy Exchange's Oil and Gas Pipelines in the Middle East Conference promotes healthy debate among the stake holders in the oil and gas industry which brings about positive cooperation and improved quality practices.

Chanchal Dasgupta, Application Marketing Manager, BOROUGE INDIA LTD

The Energy Exchange provide the annual meeting place for influential senior pipeline staff from all over the UAE and GCC helping the flow of technical support to governmental control to enforce changes.

Khalid Malallah Al Awadi, Gas Operations Manager, EMARAT

A truly excellent conference which addressed many key issues and topics for oil and gas pipelines in the Middle East. The conference was complemented superbly by the evening cruise along the Abu Dhabi coastline hosted by ADNOC – thank you! We look forward to our future participation.

Ravindrakumar Jaiswal, Business Development Manager, Middle East and India, BREDERO SHAW (MIDDLE EAST) LTD

MONDAY 4 MAY 2009

MIDDLE EAST PIPELINE REHABILITATION PROCEDURES AND METHODOLOGY WORKSHOP

- 08:00 Workshop registration and coffee
09:00 Official Opening and Welcome Address
09:10 Business Card Exchange – Meet Your Fellow Attendees!

09:20 Session one: Pipeline rehabilitation within the Middle Eastern region

- A look at past, present and future issues surrounding pipeline rehabilitation within the Middle East
- Life expectancy for rehabilitation programmes: the holistic approach

10:45 Coffee break

11:15 Session two: Pipeline methodology within the Middle East region

- Applying methodology for ongoing pipeline operations and on-site maintenance
- Explanation of the Pipeline Defect Assessment Manual (PDAM) providing best available techniques for the assessment of pipeline defects including: corrosion, dents, weld defects based on extensive critical review of fit for purpose methods and published test data.



12:45 Lunch

14:15 Session three: Regional solutions for pipeline rehabilitation

- Innovative trenchless technology techniques for reduced likelihood of damage to existing pipelines and surrounding areas
- Addressing the risk of failure and how to best repair and replace your aging pipelines

15:15 Coffee break

15:45 Session four: Interactive panel session – summary and key learning's

Our speakers will join together provide a summary overview of their workshop key learning's followed by the opportunity for in-depth discussions and lively debates between the audience and speakers

17:00 Close of workshop

19:00 Pre Conference welcome reception and registration

Workshop speakers and panel members include:

Razwan Arshad, Senior Integrity Engineer, PENS PEN INTEGRITY

David Walton, Marketing Manager, Pipe, BOREALIS

DAY ONE: TUESDAY 5 MAY 2009

- 08:00 Registration and coffee
08:45 Official Opening and Welcome Address
08:50 Business Card Exchange – Meet Your Fellow Attendees!



09:00 Keynote Address

Mohamed Juma, Assistant General Manager, New Development, **ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)**

09:20 Session one: The past, the present and the future: the Middle East pipeline sector

- What has happened in the regions pipeline sector in the last 12 months? We take a look down memory lane and identify the highlights.
- With current worldwide economic constraints, what does 2009 hold and will we see any impact on the regions pipeline projects?
- Looking ahead: NOC strategies, today and over the next 12 months.
- Regional supply and international demand. A look at the growing role the region will play in the coming months.

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

Kate Dourian, Middle East Editor, **PLATTS**

10:30 Coffee Break hosted by



11:00 Session two: Pipeline projects within the GCC: an update on current regional projects

- Review of the 180km gas pipeline installed across challenging mountainous terrain in the Kurdistan region of Iraq. Challenges, risks and lessons learnt.
- The Nabucco gas pipeline project and Iran. A look at the role of Iran in supplying gas to the pipeline.
- Bahrain – Saudi Arabia. A look at the proposed expansion of an oil pipeline between the two countries and the benefits it will bring.

John Attrill, Director, **PENS PEN**

Mohammad Makkawi, Projects Director, **CRESCENT PETROLEUM** and **DANAGAS** and General Manager, **UNITED GAS TRANSMISSIONS COMPANY LTD (UGTCL)**

12:15 Lunch hosted by



13:45 Session three: New for 2009: Country focus: pipeline project updates from within Abu Dhabi, UAE

- Construction of the Abu Dhabi crude oil pipeline project (ADCOP) enabling the export of crude oil from the east coast of the UAE, reducing reliance on the Straits of Hormuz. Challenges for both the developer and contractor will be highlighted.
- Review of the Taweelah to Fujairah gas pipeline project (TFP).
- Will the region see the establishment of an integrated UAE gas pipeline network? What is the latest status? A look at the commissioning of the Emarat – DanaGas 48" joint venture pipeline.

Kamal Morsi, Production and Facilities Engineering Manager, Onshore Division, **ABU DHABI NATIONAL OIL COMPANY (ADNOC)**

Khalid Malallah Al Awadi, Gas Operations Manager, **EMIRATES GENERAL PETROLEUM CORPORATION (EMARAT)**

Jeremy Hamilton, Project Manager, **PENS PEN INTERNATIONAL LTD**

15:00 Coffee Break hosted by



15:30 Session four: Roundtable discussions

Devoted to interactive and 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 interactive discussions.

TABLE 1:

Controlling the corrosion of your pipelines

Ali Noor Moosavi, Technical Integrity Support Manager, **ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)**

TABLE 2:

Key contracting strategies for successful project execution

Nasser Al Shammari, Team Leader Performance Management, Planning Division, Exploration and Production Directorate, **ABU DHABI NATIONAL OIL COMPANY (ADNOC)**

16:30 Close of Day One

17:00 Desert Safari evening hosted by



DAY TWO: WEDNESDAY 6 MAY 2009

08:00 Registration and coffee

09:00 Business Card Exchange –
Meet Your Fellow Attendees!

09:10 Session five: Integrity management and pipeline inspection within the Middle East

- Integrity management for non-piggable pipelines. Case study presentation featuring an ongoing 'total pipeline integrity management system' (TPIMS) study covering Kuwait Oil Company's complete pipeline network which contains more than 200 non-piggable pipelines.
- A look at the latest advanced real time automation solutions for the regions pipelines.
- Advanced applications for leak detection.
- A look at how to set up and use GIS and data management for pipeline projects within the region.

Shabbir Safri, Senior Engineer, Inspection and Corrosion, **KUWAIT OIL COMPANY (KOC)**

James Marr, Pipeline Integrity Specialist, **ALLIED ENGINEERS**

Karim Elhanafi, Senior Consultant, **MS.GIS INFORMATION SYSTEMS INC**

Morten Kristiansen, Product Manager, **ENERGY SOLUTIONS INTERNATIONAL**

11:00 Coffee Break hosted by



11:30 Session six: Pipeline rehabilitation and on-site repair technology within the Middle East

- Coping and dealing with above ground sand movement ensuring minimal impact on your pipelines.
- The successful deployment of EMAT scraping inspection on Saudi Aramco's pipeline network. Main highlights will show how two of the most common challenges: coating disbondment and stress corrosion cracking have been overcome.
- Innovations in 3LPE coating for continued pipeline protection.

Alan D'Souza, Sales and Business Development Manager Middle East, **CANUSA-CPS**

Dafer Al Fahad, Pipelines Engineer, Pipelines Department, **SAUDI ARAMCO**

Chanchal Dasgupta, Application Marketing Manager, Pipe, **BOROUGE PTE LTD**

12:45 Lunch hosted by **CANUSA-CPS**
A Shell/CIP Company

14:15 Session seven: Pipeline construction challenges in the Middle East

- Design and construction of the offshore associated gases (OAG) pipeline project from Das Island to the UAE mainland. Case study presentation looking at the methodology and techniques used for the detailed design analysis of the mitigation system and installation challenges experienced.
- Pipeline construction aspects and materials. How to organize your project, meeting all the requirements at the same time as ensuring product quality.
- Case study review of Saudi Aramco's experiences of constructing underground pipelines with real time reference to their standards and procedures manual for pipeline construction standards.

Rahif Kattan, Senior Projects Manager, **ABU DHABI GAS INDUSTRIES LTD (GASCO)**

Hassan Kurdi, Project Manager, **NATIONAL PETROLEUM CONSTRUCTION COMPANY (NPCC)**

Husain Mohammed Al Muslim, Pipeline Engineer, **SAUDI ARAMCO**

15:30 Coffee Break hosted by



16:00 Session eight: New generation pipeline materials, processes and technologies for the Middle East

- Non metallic pipelines. At look at the latest issues surrounding non metallic pipelines including standard specifications.
- Lateral buckling and pipeline walking: causes, effects, interaction and mitigation. A look at the latest finite element techniques tested on irregular 3D seabeds and their findings.
- An integrated approach to corrosion management. Case study review of the processes and applications that have been put in place for the subsea pipeline connecting the newly installed Atlantis platform to the new onshore facilities of the RakGas onshore process facility.
- Identifying the correct criteria for selecting pipeline materials to meet the exacting requirements of your pipelines.

Haicheng Rong, Project Engineer, **JP KENNY**

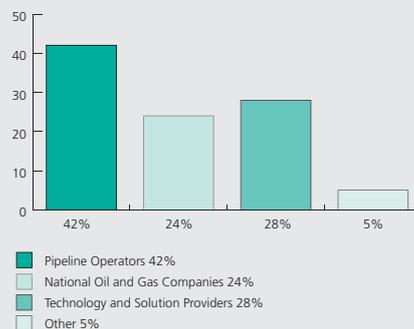
Dr Kirsten Oliver, Production and Integrity Manager, **INTERTEK CAPCIS**

17:00 Summary and Closing Address and Close of Conference

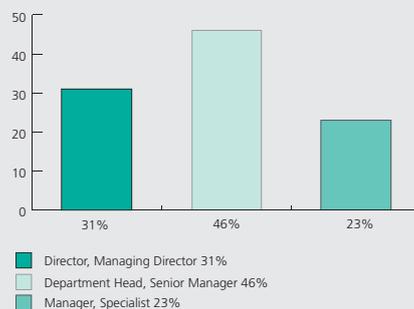
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EXPECTED INDUSTRY AUDIENCES



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DESERT SAFARI

Registered attendees are invited to participate within the social highlight of the 2009 Pipeline Meeting, an evening desert safari and dinner.

Attendees will enjoy just some of the wonders of the desert including camel riding, 4x4 dune bashing and a BBQ dinner – just a few of the activities that will be taking place.

Please note attendance is guaranteed on a first come first served basis only. Do not miss out, confirm your attendance today!

Hosted by:



Why you should attend the 2009 Middle East Oil and Gas Pipelines Conference

Following the tremendous success over the last 8 years, this exceptionally timely Conference has become the annual meeting place for senior decision makers of the Middle Eastern pipeline industry's leading companies.

During this unique MUST ATTEND Conference you will receive information first hand about the current challenges and future directions of the regions pipeline sector, from rehabilitation, maintenance, integrity management and corrosion control through to the latest innovative technologies to hit the market.

Bringing together key players across the whole of the GCC region, the 2009 9th Annual Meeting will provide outstanding networking opportunities and making this your chance to meet with leading industry experts and decision makers who can make a difference to your business.

SPONSORSHIP OPPORTUNITIES

Not to be missed guaranteed exposure through sponsorship!

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

Interested in hearing how our sponsors perceive Energy Exchange Conferences?

“The Energy Exchange's annual Oil and Gas Pipeline Conference was excellently organised, very well attended and provided a well focused agenda with relevant topics. We have already confirmed our 2009 corporate sponsorship and look forward to continuing our relationship with The Energy Exchange for many years to come.”

Dave Baker, Managing Director, **JP KENNY LTD**

With 2009 set to be a year when we need to ensure our budgets are being spent in the right place and we are gaining value for money and maximum effective exposure, our custom-made packages are guaranteed to meet your specific requirements.

Whether you are looking to promote your thought leadership expertise, technological developments or company position within the market contact us today to discuss how we can help.

TAKE THIS UNIQUE OPPORTUNITY TO JOIN OUR CORPORATE SPONSORS AND PLACE YOUR BUSINESS DIRECTLY IN THE PIPELINE INDUSTRY ARENA

If you are interested in receiving further details concerning our sponsorship opportunities

For further information, please contact:

Claire Pallen, Director, Middle East Operations

Tel: 00 44 (0)1242 529 090 / **Fax:** 00 44 (0)1242 529 060

Email: c.pallen@theenergyexchange.co.uk

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Forthcoming 2009/2010 Middle Eastern Conferences

- **The Middle East Downstream Week – 10th Anniversary Meeting**, 23-26 March 2009, Abu Dhabi, UAE
- **Middle East Pipeline Rehabilitation Procedures and Methodology Workshop**, 4 May 2009, Abu Dhabi, UAE
- **Oil and Gas Pipelines in the Middle East – 9th Annual Meeting**, 5-6 May 2009, Abu Dhabi, UAE
- **Refinery and Petrochemical Plant Integration Workshop**, 12 October 2009, Abu Dhabi, UAE
- **Petchem Arabia – 4th Annual Meeting**, 13-14 October 2009, Abu Dhabi, UAE
- **Plant Maintenance in the Middle East – 4th Annual Meeting**, 11-13 January 2010, Abu Dhabi, UAE
- **Sour Gas 2010 – 3rd Annual Meeting**, 8 February 2010, Abu Dhabi, UAE
- **Gas Arabia 2010 – 5th Annual Meeting**, 10-11 February, 2010, Abu Dhabi, UAE
- **The Middle East Fertilizer Symposium – 3rd Annual Meeting**, 1-3 March 2010, Abu Dhabi, UAE
- **The Middle East Downstream Week – 11th Annual Meeting**, 22-25 March 2010, Abu Dhabi, UAE
- **Oil and Gas Pipelines in the Middle East – 10th Anniversary Meeting**, 17-19 May 2010, Abu Dhabi, UAE