

WELCOME



NORTH AFRICAN OIL AND GAS SUMMIT 2008 - 3RD ANNUAL MEETING

4-6 NOVEMBER 2008, THE INTERCONTINENTAL WIEN HOTEL, VIENNA, AUSTRIA



DAY THREE: THURSDAY 6 NOVEMBER 2008

NEW FOR 2008: PRODUCTION OPTIMISATION WORKSHOP

With demand for oil & gas increasing substantially, particularly in the growing economies of the developing world, there is an ever growing need to apply techniques to increase production & enhance ultimate recovery from existing fields. Current oil prices & future projected demand make such initiatives even more attractive. The Production Optimisation Workshop will help you meet the challenge of rising hydrocarbon demand. Our Post-Summit Workshop will also focus overcoming challenges of seismic exploration, imaging & processing focusing on new E&P technologies. If you are an upstream professional do not miss the opportunity for in-depth & interactive discussions with our Workshop leaders & your industry peers. Workshop places are limited to ensure you can interact & get your questions answered.

08:30 Registration and Coffee
09:00 Welcome Address Business Card Exchange
09:10 Introductory Remarks by the Chairman

09:15 SESSION ONE: OPTIMISING RECOVERY FROM MATURE FIELDS

- Discuss how to capitalise on mature field management as a key to the energetic future.
- How to fully exploit existing reservoirs & focus on new technologies to gain maximum economic return & ensure reservoir life extension.
- Find out key success factors to OMV's & PETROM's approach to production optimisation: major challenges in implementation of IOR / EOR projects & OMV's experiences & approaches.

- **Philippe Charlez**, Mature Field Initiative Project Leader, **TOTAL**
- **Elsayed A. Latif Bedair**, General Manager, **GUPCO ENGINEERING**
- **Walter Ondracek**, Manager Mature Field Initiative, Exploration & Reservoir Management, **OMV EXPLORATION & PRODUCTION**

11:10 Coffee Break and Social Networking

11:40 SESSION TWO: OVERCOME CHALLENGES IN SEISMIC EXPLORATION AND MAKE FURTHER PROFITS THROUGH ENHANCED OIL RECOVERY AND IMPROVED OIL RECOVERY (EOR AND IOR)

- Overcoming challenges in seismic exploration: a new approach to seismic data acquisition & an insight into high productivity seismic.
- Learn from Occidental's significant enhanced oil recovery & improved oil recovery (EOR & IOR) projects around the world including examples of CO2 flooding, steam flooding & re-development of several large fields.
- Benefit from a specific overview of the planned re-development of the giant Nafoora-Aguila field in the Libyan Sirte Basin.
- Discover MOL's success stories of 30 years IOR/EOR experience in the Pannonian Basin.

- **Bill Roby**, Vice President Worldwide Engineering & Technical Services, **OCCIDENTAL OIL & GAS CORPORATION**
- **Attila Holoda**, Managing Director of Eurasian E&P, **MOL EXPLORATION & PRODUCTION**

13:30 SESSION THREE: EXECUTIVE SPEAKER PANEL SUMMARY MODERATED BY THE CHAIRMAN

- Recap of the key issues discussed during the Workshop & open floor discussions with questions from the audience.

13:45 Lunch and Social Networking

15:00 Close of Workshop

MONDAY 3 NOVEMBER 2008

19:00 Pre Summit Registration and Welcome Reception

DAY ONE: TUESDAY 4 NOVEMBER 2008

08:00 Registration and Coffee

08:45 Opening Welcome Address and Business Card Exchange

09:00 SESSION ONE: OVERVIEW OF THE CURRENT CLIMATE AND OUTLOOK ON THE DEVELOPMENT OF THE NORTH AFRICAN OIL AND GAS SECTOR

Chairman: **Faouzi Bensarsa**, Counsellor for Energy, External Relations DG, **EUROPEAN COMMISSION**

- Drivers for investment in North Africa's oil & gas sector: North Africa from the perspective of a European integrated company.
- The barrel at more than 100 US dollars. Who benefits?
- The growing scope for private investment in North Africa: an overview of new investment opportunities & financial trends.
- New opportunities & admirable growth rates for small-to-medium size E&P companies capitalising on a niche market of smaller fields.

- **Wolfgang Remp**, Senior Vice President E&P International, **OMV EXPLORATION & PRODUCTION**
- **Johannes Benigni**, Managing Director, **JBC ENERGY**
- **Uwa Igiehon**, Head of Oil & Gas, Investment Banking, Africa & Middle East, **RENAISSANCE CAPITAL**
- **Dr Ahmed Bahgat**, Executive Chairman, **TIMGAD ENERGY**

10:40 Coffee Break Hosted by **Renaissance Capital**

11:10 SESSION TWO: SECURITY OF ENERGY SUPPLY AND THE ROLE OF NORTH AFRICAN LNG

Chairman: **Dr Hany Elsharkawi**, President & General Manager, **CENTURION PETROLEUM CORPORATION**

- EU-North Africa energy relations in the context of the European Union's energy security.
- Increasing demand linked to decreasing indigenous production in Europe poses new challenges: the rising role & importance of LNG for Europe's security of energy supply.
- The prospects of LNG in Europe & the role of North African suppliers.
- The LNG pioneer in Egypt. SEGAS LNG plant expansion: a review of how adding a second LNG train in Damietta has helped overcome challenges such as HSE & risk management & ensured current plant production continuity & reliability.

- **Faouzi Bensarsa**, Counsellor for Energy, External Relations DG, **EUROPEAN COMMISSION**
- **Michael Peisser**, Senior Vice President, Gas Marketing & Trading, **OMV GAS INTERNATIONAL**
- **Ane de Ariño**, Strategic Planning Director, **REPSOL- GAS NATURAL LNG, STREAM**
- **José Luis Torre**, Managing Director Operations, **SPANISH EGYPTIAN GAS COMPANY (SEGAS)**

12:40 Luncheon with Social Networking Opportunity Hosted by **DNV**

14:10 SESSION THREE: RELATIONSHIPS BETWEEN THE NATIONAL OIL COMPANIES AND INTERNATIONAL OIL COMPANIES AND POLICY UPDATES ON THE REGION

Chairman: **Peter Manoogian**, President, **BP EXPLORATION LIBYA**

- Cooperating with National Oil Companies: TOTAL's example in North Africa.
- Building stronger NOC & IOC partnerships today upon the foundation of three strategic principles: shared respect, shared capabilities & shared rewards.
- The role of the European Investment Bank in promoting cooperation through the Euro-Mediterranean Investment & Partnership (FEMIP) programmes in North Africa.
- What are the key legislative, commercial & fiscal regime developments for the region?

- **Jean-François Arrighi de Casanova**, Vice President North Africa, **TOTAL**
- **Carlos Aguilera**, Vice President Business Development, **CHEVRON AFRICA & LATIN AMERICA EXPLORATION & PRODUCTION COMPANY**
- **Dr Emanuel Maravić**, Head of Vienna Office, **EUROPEAN INVESTMENT BANK**

15:30 Coffee Break Hosted by **Renaissance Capital**

16:00 SESSION FOUR: CURRENT PROJECTS, FUTURE DEVELOPMENTS AND UPGRADING PLANS IN THE NORTH AFRICAN DOWNSTREAM SECTOR

Chairman: **Johannes Benigni**, Managing Director, **JBC ENERGY**

- Strategies for refining & petrochemical development in Algeria.
- The petrochemical industry in Africa: growth & challenges.
- Risks versus rewards in refining: refinery risk management to drastically improve and/or reduce risk opportunities.
- Meeting the requirements for clean fuel specifications: examining the latest treating technologies for sulphur removal from hydrocarbons.

- **Dr Abdelhafid Feghouli**, Vice President Downstream, **SONATRACH**
- **Hesham Raafat**, Chief Executive Officer, **ORIENTAL PETROCHEMICAL COMPANY**
- **Anje Deschoolmeester**, Head of Risk Management Solutions Benelux & North Africa, **DNV ENERGY**
- **Jean Pierre Chovet**, Business Development Manager, **MERICHEM CHEMICALS & REFINERY SERVICES LLC**

17:40 Close of Day One

19:00 **GALA DINNER EVENING HOSTED BY OMV**

The North African Oil and Gas Summit 2008 Gala Dinner evening will be hosted by OMV. Conference attendees are invited to join OMV in an evening of fine dining and enjoy a guided tour of some of Austria's most splendid collections including Arms, Armour and Ancient Musical Instruments at the stunning Neue Burg Museum, one of Vienna's most important museums.

DAY TWO: WEDNESDAY 5 NOVEMBER 2008

08:30 Registration and Coffee

08:55 Welcome Address and Business Card Exchange

09:00 SESSION FIVE: COUNTRY FOCUS LIBYA: UPSTREAM, MIDSTREAM AND DOWNSTREAM PROJECTS AND DEVELOPMENTS

Chairman: **Claudio Descalzi**, Deputy Chief Operating Officer, Business Management, **ENI S.P.A. EXPLORATION & PRODUCTION DIVISION**

- Development plans to produce an additional 1.6 billion barrels through improved & enhanced oil recovery (IOR & EOR): Occidental, with partners OMV, have EPSAIV Agreements with NOC Libya to assist in the re-development of the giant Nafoora-Aguila oil field in the Libyan Sirte Basin operated by AGOCO.
- Libya's contribution to meet Europe's increased gas demands: Shell & Libya's partnership in developing the country's LNG industry.
- BP's return to Libya: experience & developments to date.
- Developing Energy Cities at Marsa el Brega & Ras Lanuf in Libya: the Master Plan for the two sites. Joint presentation with Fluor's Libyan Client.

- **John Winterman**, President & General Manager, **OCCIDENTAL LIBYA OIL & GAS**
- **Peter Manoogian**, President, **BP EXPLORATION LIBYA**
- **Mark Hope**, Country Chairman, **SHELL LIBYA**
- **Amir Nemr**, Director of Technology, **FLUOR**

10:40 Coffee Break Hosted by **Renaissance Capital**

11:10 SESSION SIX: UPSTREAM OIL AND GAS PROJECTS IN NORTH AFRICA

Chairman: **Wolfgang Remp**, Senior Vice President E&P International, **OMV EXPLORATION & PRODUCTION**

- The role of North Africa's exploration & production in a growing energy demand scenario.
- Building platform assets: how one of Canada's largest oil & gas companies looks at the North African region.
- Wintershall's strategies for growth & development in North Africa.
- Executing PetroSA's North African strategy & rationalising PetroSA's North African portfolio.
- Developing E&P projects within the region: what are the challenges & opportunities & what is the key to maximising the potential of the sector? How does the region compare to other international development opportunities?

- **Álvaro F. Racero**, Executive Regional Director Europe, Africa & Middle East, **REPSOL-YPF UPSTREAM**
- **Chris Brown**, Regional Manager, **PETRO-CANADA**
- **Helmut Berchelmann**, Manager New Business North Africa, **WINTERSHALL**
- **Anwar Omar**, Regional Manager, North Africa & Rest of World, **PETROSA**
- **Abdelkader Djeddou**, Vice President Business Development Eastern Hemisphere/Central Asia/North Africa, **CGG VERITAS**

13:10 Luncheon with Social Networking Opportunity Hosted by **Honeywell**

14:30 SESSION SEVEN: GAS DEVELOPMENTS AND PIPELINE PROJECTS IN NORTH AFRICA

Chairman: **Abdulhadi M. Amesh**, Chairman, **MELLITAH GAS B.V. (previously ENI GAS B.V.)**

- The Western Libya Gas Project, ENI's future gas development activity in Libya following the signature of recent agreements & ENI's gas development in Egypt, both in the LNG sector & on the domestic market.
- Sonatrach's internationalisation & partnership strategy meeting international commitments as well as increasing domestic demand through its pipeline network extension programme: focus on the two natural gas pipelines linking Algeria directly to Europe.
- The future for onshore pipelines in North Africa: exploring the opportunities & challenges facing the onshore pipeline industry & reducing costs through innovation.
- New oil route to the Mediterranean region: the Burgas-Alexandropolis pipeline project & how this will affect the oil flows from North Africa to Europe.
- Integrating the Algerian gas network into the European one continuously improving health, safety & environmental performance in Sonatrach's three main international gas projects (MEDGAZ, GALSI & the Trans-Sahara Gas Pipeline).

- **Claudio Descalzi**, Deputy Chief Operating Officer, Business Management, **ENI S.P.A. EXPLORATION & PRODUCTION DIVISION**
- **Karima Bouaifel**, Internal Legal Adviser, **SONATRACH**
- **Graham Freeth**, Senior Project Manager, **JP KENNY**
- **Nikolays Seregin**, Head of Foreign Projects Department, **GAZPROM NEFT**
- **Nadia Nait Ali**, Senior Engineer, Chemical & Environmental, **SONATRACH**

16:20 Coffee Break Hosted by **Renaissance Capital**

16:50 SESSION EIGHT: ROUNDTABLE DISCUSSIONS

This session will be dedicated to interactive open discussions providing the opportunity for attendees & speakers to join together for informal networking in a formal environment, exchanging ideas & information with our panel of distinguished North African oil & gas experts.

Each table will be lead by an Executive Chairman to mediate the discussions.

TABLE 1 – NOC/IOC RELATIONS
TABLE 2 – PIPELINES
TABLE 3 – LNG
TABLE 4 – REFINING & PETROCHEMICALS

17:50 Close of Summit



Panel question & answer discussions will follow each session

INTRODUCTION

The Energy Exchange Ltd is delighted to announce the 3rd Annual North African Oil and Gas Summit, taking place from 4-6 November 2008 in Vienna with OMV as co-host.

North Africa is now a major oil & gas player & has been attracting intensive investments, demonstrating that the growth trend is here to stay.

Investment has been focusing on exploration & production as well as on upgrading & further developing the refining infrastructure. Leading North African countries need to meet ever increasing export targets as global energy demand continues to grow. With security of supply & gas diversification high on the agenda of EU policy makers, North Africa has been the region to turn to for new gas supplies & supply diversification through LNG.

It is in this context that the North African Oil and Gas Summit 2008 guarantees a rich platform for debate for all executives involved in the North African oil & gas industry & an excellent forum for meeting with North Africa's key industry players.

Due to high interest & repeated requests, this year's Summit will also feature a Post-Summit Workshop focusing on production optimisation and E&P technologies, taking place on 6 November 2008, which will allow you to drill down into some of the key technological issues covered during the first two days of the Summit.



WHY YOU SHOULD ATTEND

Providing unrivalled business & networking opportunities, the North African Oil and Gas Summit 2008 is the leading event in the field that will provide you with the only opportunity to:

- Network with industry leaders & benefit from case studies from the EU & companies including OMV, BP, SHELL, TOTAL, SONATRACH, OCCIDENTAL, REPSOL, GAS NATURAL.
- Assess the best investment opportunities for existing & new developments in North Africa.
- Learn how to break into the market & how to be the leading partner with the NOCs of the region.
- Explore the role of North Africa's exploration & production in a growing energy demand scenario & hear about the major ventures in the region.
- Evaluate LNG prospects in North Africa, learning about key projects & LNG partnerships with the local NOCs.

WHO SHOULD ATTEND?

- Senior Executives of the National Oil Companies in North Africa
- Senior Executives of International & Independent Oil & Gas Companies with interests in North Africa
- Ministers of Petroleum, Mines & Energy from the Region
- Officers of European & North African Governmental Ministries & Legislation Officials
- Regional Directors for North Africa
- Heads of Business Development/New Business/New Ventures
- Heads of LNG & Global Gas Supply
- Heads of Downstream, Marketing & Refining
- Head of Exploration & Production
- Senior Executives of Service Providers, Local Engineering & Contracting Companies Active in the Region
- Lawyers, Industry Analysts, Traders & Management Consultants
- Financiers: Senior Executives of International & North African Banking Groups
- Geoscientists & Reservoir Engineers

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REGISTRATION FEE

- 2 Day Summit (4-5 November 2008) €1493
 2 Day Summit and Workshop (4-6 November 2008) €2235
 I would like to participate at OMV's Gala Dinner

Please note that VAT is not included and will be added at the appropriate rate where applicable.

Booking Code

DELEGATE DETAILS

Title	First Name(s)	Surname	
Dr/Mr/ Mrs/Ms			Job Title: Email:
Dr/Mr/ Mrs/Ms			Job Title: Email:
Dr/Mr/ Mrs/Ms			Job Title: Email:

Company Name	
Nature Of Business	
Address	
Country	Postcode
Tel	Fax
Company CEO / MD	Head of Reservoir Management
Head of North Africa Business	Head of E&P
Head of Downstream	Mature Fields Manager

ADMINISTRATION DETAILS

ACCOUNTS PAYABLE CONTACT				
Title	First Name	Surname	Tel	Email

Company EU VAT No:

By completing this registration form I confirm I have read and agreed to The Energy Exchange Ltd's terms & conditions (see back of brochure). Please note your registration cannot be processed without your acceptance of our terms.

PAYMENT DETAILS

Please tick your chosen method of Payment
 I am paying by Bank Transfer
 I am paying by Credit Card VISA MASTERCARD AMEX
 Credit Card Number:
 Issue No Expiry Date: IBAN No:
 Name and Address of Card Holder (if different to company address) _____

 I am unable to attend but wish to purchase the proceedings at £400 \$900 €640
 Data Protection: Personal data is gathered in accordance with the Data Protection Act 1998. Your details may be passed to other companies who wish to communicate with you relating to your business. If you do not wish to receive such offers, please tick this box.

Or register online at www.theenergyexchange.co.uk

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 invoice will show your registration fee in three currencies: UK Pounds, Euros and US Dollars. 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 Ltd is relieved of all obligations. Force majeure includes any circumstances beyond the will of The Energy Exchange Ltd, 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

Intercontinental Wien Hotel, Johannesgasse 28, 1037, Vienna, Austria Tel: +43 1 711 220, Fax: +43 1 713 4489. The cost of the hotel accommodation is not included in the Summit fee. The Energy Exchange Ltd has negotiated preferential rates at the hotel (Single Room 219.00 Euros, Double Room 239.00 Euros + Austrian taxes, per room, per night excluding breakfast) for delegates attending the event. Please contact Natasha Harwood via email on n.harwood@theenergyexchange.co.uk for details on how to make your reservation.

Registration Fee

The registration fee covers attendance at all sessions, refreshments, lunches, receptions, gala dinner & 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 & will be added at the appropriate rate where applicable.

Language

The official summit language is English with French simultaneous translation.

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.

SUPPORTING PUBLICATIONS



TESTIMONIAL

"Congratulations, I thought the North Africa Summit went very well. There was a good standard of presentations together with great networking opportunities. Those participants I spoke to agreed."

Craig McMahon, Senior Research Analyst, North African Energy, **WOOD MACKENZIE**

SPONSOR & EXHIBITOR OPPORTUNITIES

Do not miss this unique opportunity to showcase your company to a dedicated audience of leading senior executives involved in the North African oil and gas sector.

Corporate sponsorship and exhibitor packages are designed specifically to allow you to maximise your company's profile and provide you with the opportunity to network with targeted senior level executives.

LIMITED OPPORTUNITIES AVAILABLE

To discuss your exhibitor or sponsorship requirements in further detail, please contact:
 Cecilia Brown, Conference Manager

Tel: +44 (0)20 7067 1800, Fax: +44 (0)20 7430 0552 or Email: c.brown@theenergyexchange.co.uk

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3RD ANNUAL MEETING



4-6 NOVEMBER 2008
VIENNA, AUSTRIA



EVENT CO-HOST



EVENT SPONSORS AND SUPPORTERS

J P KENNY



Honeywell



Renaissance Capital



FLUOR

KEY CONTRIBUTIONS FROM

Dr Abdelhafid Feghouli
 Vice President Downstream
SONATRACH

Wolfgang Remp
 Senior Vice President, E&P
 International
OMV EXPLORATION & PRODUCTION

Mark Hope
 Country Chairman
SHELL LIBYA

Peter Manoogian
 President
BP EXPLORATION LIBYA

John Winterman
 President & General Manager
OCCIDENTAL LIBYA OIL & GAS

Claudio Descalzi
 Deputy Chief Operating Officer,
 Business Management, ENI S.P.A.
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