

Doha Energy Forum 2011

Tuesday, March 8, 2011

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قطر للبترول
Qatar Petroleum



TEXAS A&M
UNIVERSITY at QATAR

FT

FINANCIAL
TIMES

Thegulfintelligence.com Knowledge Series

2:10 p.m. THINK ABOUT GTL JET FUEL AND
ITS THERMOPHYSICAL PROPERTIES.

2:11 p.m. APPLY TO TEXAS A&M AT QATAR'S MASTER'S PROGRAM.



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His Excellency
Dr. Mohammed Bin Saleh Al-Sada
Minister of Energy & Industry,
Chairman & Managing Director,
Qatar Petroleum

Feature Guest

H.E. Dr. Mohammed Bin Saleh Al-Sada has been appointed as Minister of Energy & Industry on the 18 January 2011 and on 14th February 2011 also appointed as Qatar Petroleum's Managing Director and Chairman of the Board of Directors.

Prior to this, he was the Minister of State for Energy & Industry Affairs since April 2007. Earlier, H.E. Dr. Mohammed Bin Saleh Al-Sada was the Managing Director of RasGas Company Limited (RasGas).

H.E. Dr. Al-Sada has held the position of Director Technical at Qatar Petroleum where he directed Major Oil & Gas and related infrastructure projects. He brings with him a wealth of experience with over 28 years of service with Qatar Petroleum, successfully managing various important corporate departments.

Within the Energy Industry, he is the Chairman of the Board of Qatar Chemicals Company (Q-Chem), QatarGas, Qatar International Petroleum Marketing Company Ltd. (TASWEEQ), Qatar Petroleum International (QPI) and ASTAD Project Management. He is the Vice-Chairman of the Board of Qatar Steel Company.

H.E. Dr. Al-Sada is an active member of the Qatari community and has served as a member of several distinguished committees and organizations, including the Permanent Constitution Preparation Committee, the Supreme Education Council and the National Committee for Human Rights. He is currently the Chairman of the Joint Advisory Board (JAB), Texas A & M University at Qatar.

His Excellency holds a PhD from the University of Manchester Institute of Science and Technology (UMIST) in UK, having earlier graduated with a Bachelor of Science degree in Marine Science and Geology, from Qatar University. He is married with 2 daughters and 3 sons.





Head of Delegation

Hans-Peter Floren

Member of the Board of Management, E.ON Ruhrgas AG

Hans-Peter Floren was appointed member of the Board of Management of E.ON Ruhrgas AG on 11 August 2010. He is responsible for Gas Supply within the Board of Management. He has been working for the E.ON Group or its predecessor companies since 1989, last as Chairman of the Board of Management of E.ON Gas Storage GmbH. Previously, he was Senior Vice-President for Transmission and Storage Management, Dispatching and System Planning at E.ON Ruhrgas AG. In the course of his career he was also CEO of E.ON Ruhrgas Transport AG & Co. KG as well as Senior Vice-President and Head of the Transportation Management Division at E.ON Ruhrgas, apart from being in charge of other units in the company. He studied mechanical engineering and economics at Essen University.



Forum Title Partner

E.ON Ruhrgas is a leading European gas company based in Essen, Germany. In the E.ON Group operating worldwide, it is responsible for the global gas business. The E.ON Ruhrgas Group has a workforce of about 3,100 employees. In 2009, it supplied a total of some 61 billion m³ of gas to its customers including local and regional energy suppliers, industrial companies and power plants. Its supply system comprises 12,000 km of gas pipelines owned and operated by its subsidiary Open Grid Europe as well as underground storage facilities Europe-wide with a working gas capacity of more than 11 billion m³. LNG constitutes an important element of E.ON Ruhrgas's gas supply activities as the third pillar alongside pipeline supplies and equity gas production. E.ON Ruhrgas sees the LNG market as a cornerstone of future gas supplies for Europe. E.ON Ruhrgas has successfully completed the development of its regasification portfolio. The company is involved in regasification terminals all over Europe and has secured capacities in Grain (United Kingdom) and Gate (Netherlands). Another major terminal project is OLT off Italy's coast, which will be used to feed gas into the Italian pipeline system. Via capacity in Barcelona and Huelva E.ON has access to the Spanish market as well. This allows all major European markets to be supplied with LNG. E.ON Ruhrgas purchases LNG for the E.ON market in Spain under a long-term LNG supply contract. E.ON Ruhrgas is engaged in negotiations with a large number of LNG suppliers throughout the world concerning the purchase of LNG. As part of our efforts to strengthen security of supply in Germany and Europe, we also hold talks with Qatar. E.ON Ruhrgas regards Qatar as one of the priority countries in the expansion of its long-term supply portfolio. The country possesses the world's third-largest gas reserves and has, by developing an impressive infrastructure for exporting LNG, established itself as leader on the global LNG market in recent years.



Industry & Academia: 'Research' - Panel



Bruce R. Palmer, PhD

Professor of Chemical Engineering & Interim Associate Dean for Research and Graduate Studies at Texas A&M University at Qatar

Bruce Palmer graduated with honors from the Colorado School of Mines and received his PhD from the University of Utah. He started his teaching career at the South Dakota School of Mines and Technology where he rose to the rank of Full Professor. Dr. Palmer joined the Petroleum Institute (Abu Dhabi, UAE) in 2004 as a Professor of Chemical Engineering. Currently he is a Professor of Chemical Engineering and the Interim Associate Dean for Research and Graduate Studies at Texas A&M University at Qatar. Dr. Palmer's current research includes gas processing and sour-gas corrosion. Dr. Palmer's industrial experience started at Elf Aquitaine (1982) where he was a Senior Engineer. In 1985, Dr. Palmer moved to the Kerr-McGee Technology Division, and he subsequently led the Continuous Improvement Department in Kerr-McGee Global Chemical Operations. Dr. Palmer's publications include 70 technical papers, patents and presentations. He received the Colorado School of Mines' van Diest Gold Medal which recognizes distinguished young engineers, the ASM Bradley Stoughton Award for outstanding professors, the AIME Arthur F. Taggart for an outstanding research paper, and the AIME Publications Committee Award for an exceptional book. He is a member of American Institute of Chemical Engineers, the American Chemical Society, the Society of Petroleum Engineers and the National Association of Corrosion Engineers.



Cas Groothuis

R&D Manager at Qatar Shell Science & Technology Centre

After 3 years of General Management of the Qatar Shell Research and Technology Centre, as per 1st of January 2011, Cas Groothuis is now R&D manager in Qatar Shell and is preparing for a new position overseas. He has nearly 30 years of working experience with Shell in a variety of roles of which the last 18 years in LNG R&D, design, operations, management and various commercial support roles. Cas graduated as a Chemical Engineer in 1981 from Groningen University, The Netherlands and started with Shell as a process engineer in refinery processes. His LNG experience started in Brunei in 1989, where he held both technical and operational positions. Returning to Shell Head Office in 1994 he has lead several design teams and was involved in many studies for LNG plants worldwide. He was also closely involved in developing new generation LNG plants for both onshore and offshore applications. In his previous job he was General Manager LNG Technology, steering the LNG R&D program for Shell.



Søren Frank

Director Maersk Oil Research & Technology Centre at QSTP

Søren Frank is the Director of the Maersk Oil Research & Technology Centre (MO-RTC) at Qatar Science & Technology Park (QSTP). Before taking on this role Søren was the Head of EOR & Studies Maersk Oil Qatar. His team was instrumental in identifying and defining the hydrocarbon gas injection project currently taking place in the Al Shaheen field, Qatar. Søren joined Maersk Oil in 1997 and prior to working in Qatar has worked in the Danish North Sea as a Petroleum Engineer, Petrophysicist and Reservoir Engineer. His specialist interests cover carbonate EOR, improved water flood sweep efficiency and the integration of petroleum engineering disciplines in technology development. Søren Frank holds an M.Sc in Hydrogeological Engineering from the Technical University of Denmark and an M.Eng. in Petroleum Engineering from the University of New South Wales.



A Message from the Dean, Texas A&M University at Qatar

Forum Host

Dr. Mark Weichold

Dean & CEO, Texas A&M University

On behalf of the faculty, staff and students of Texas A&M University at Qatar, it is my sincere pleasure to welcome you to the 2011 Doha Energy Forum. This year's discussion, Energy Outlook 2030, could not be more timely, as the State of Qatar celebrates its ambitious achievement of 77 million tons per annum of LNG and a furthering of the goals set forth in the State of Qatar's National Vision 2030 under the wise leadership of His Highness Sheikh Hamad Bin Khalifa Al Thani.

As Qatar and its energy industry move forward, so does Texas A&M at Qatar. The University's mission to educate exceptional engineers and develop leaders of character dedicated to the greater good is as dynamic and strong as ever. Texas A&M at Qatar's achievements in academics, state-of-the-art research initiatives and community outreach have been further strengthened by the recent launch of a Graduate Studies program; an effort that illustrates our commitment to evolve and develop to meet the needs of the State of Qatar, the region and a rapidly-progressing - and increasingly global - energy industry. Teaching, capacity building and performing as a valued resource to the State of Qatar remain fundamental. In short, Texas A&M at Qatar is dedicated to engineering a world of difference.

The University is exceedingly proud to welcome His Excellency Dr. Mohammed Saleh Al-Sada, Qatar's Minister of Energy and Industry. His presence as Special Guest at today's forum is an honor for the University, as Minister Al-Sada has been closely involved with the development of the University's Education City campus as the Chairman of Texas A&M at Qatar's Joint Advisory Board for the past two years. Minister Al-Sada's guidance has been instrumental in the University's vibrant and diversified development.

We and our Education City colleagues welcome you today to learn more about Qatar Foundation and Education City's outstanding, cutting-edge educational programs and meet our remarkable students. As we discuss the future and what it holds for us, our industries and societies today at this forum, keep in mind that these are the young leaders who will take us there.

Thank you.



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Texas A&M University at Qatar

About Texas A&M University at Qatar

Texas A&M University, recognized as having one of the premier engineering programs in the world, has offered undergraduate degrees in chemical, electrical, mechanical and petroleum engineering at Qatar Foundation's Education City campus since 2003. One hundred fifty one engineers have graduated from Texas A&M at Qatar since 2007. In addition to engineering courses, Texas A&M at Qatar provides classes in science, mathematics, liberal arts and the humanities. All four of the engineering programs offered at Texas A&M at Qatar are accredited by ABET. The curricula offered at Texas A&M at Qatar are materially identical to those offered at the main campus in College Station, Texas, and courses are taught in English in a co-educational setting. The reputation for excellence is the same, as is the commitment to equip engineers to lead the next generation of engineering advancement. Faculty from around the world are attracted to Texas A&M at Qatar to provide this educational experience and to participate in research activities now valued at \$70 million, and that address issues important to the State of Qatar. Visit www.qatar.tamu.edu.

Forum Producer – Welcome Note

Dear Guests,

Here we go again, \$100 oil!

Will it be another roller coaster ride off a steep cliff or have we moved into a new era of triple digit prices, allowing countries and companies to plan accordingly? It doesn't seem so long ago that a million dollars was the WOW number, they even made TV shows about it – “Who wants to be a millionaire?” – Now the pop song topping the charts chants “I want be a billionaire so frickin bad!” The old saying of once in a 100 years appears under threat as editors scramble for new metaphors to describe once in a thousand year events, as popular uprisings across North Africa or biblical floods in Australia catch everyone off guard with no Plan B in the drawer.

The world seems to have changed a lot since we met here last year – as Nasim Taleb might say - we have certainly had our fair share of Black Swans – random unpredictable events that can have a huge impact on our lives which have helped Crude to break the vice grip of \$60-\$80 dollars. The Dow Jones and FTSE 100 stock market indices are screaming – it's back to the races, don't miss the train and jump on board!

And yet, I find we are still caught in a supply-demand imbalance limbo land of far too many questions and very few answers. If most of the graphs are pointing to the sky, why are interest rates still near zero? And why is the Fed Quantitatively Easing printing as much cash as possible? And how should one interpret a falling Shanghai stock market? At the forum today we will have the opportunity to discuss the Outlook for Energy amongst this apparent uncertainty.

In my home town of Galway, Ireland a million dollars has reclaimed its WOW mantle.

Best Regards
Sean Evers

Sean Evers

Managing Partner, Gulf Intelligence



In 2009, Sean Evers became Managing Partner and Founder of Gulf Intelligence. He attained a BA from the University of Notre Dame in Indiana in 1988, and went on to secure his law degree at Ireland's University College Galway. Sean has spent his career building ground-breaking media enterprises, starting with the award-winning Punchbag Productions across Britain and Ireland, securing top award at the 1992 Edinburgh Festival. In the mid-1990s Sean Evers was appointed Cairo correspondent for *The Financial Times*. In 1997 he joined Bloomberg in Dubai and over the following decade built the U.S. media company's Middle East network from Cairo to Tehran, culminating in 2008 in Dubai being designated as the firm's fourth global hub.



Gulf Intelligence facilitates knowledge exchange between stakeholders. The strategic communications and public affairs consultancy produces boutique industry forums and roundtable discussion series globally with an architecture that ensures all participants engage in a dynamic and competitive exchange of knowledge towards a shared goal. The Dubai-based firm assists Middle East companies and government entities to tap dormant intelligence and create knowledge reservoirs that can be utilized to bolster their profiles, to communicate with stakeholders and to overwhelm competitors.

Forum Program

08.30 – 09.30 **Registration & Networking Breakfast**

Session A – With His Excellency Dr. Mohammed Bin Saleh Al-Sada

09.45 – 10.00 **Forum Commences**
Welcome Speech by Hans-Peter Floren, Member of the Board of Management, E.ON Ruhrgas AG and Introduction of His Excellency Dr. Mohammed Bin Saleh Al-Sada ahead of Forum Interview.

10.00 – 10.30 **Forum Interview**
His Excellency Dr. Mohammed Bin Saleh Al-Sada will be interviewed on stage by Moderator Sean Evers, Managing Partner, Gulf Intelligence.

10.30 – 11.30 **Q & A Session**
His Excellency Dr. Mohammed Bin Saleh Al-Sada to engage in a Q&A with the industry audience, led by Lewis Grant Affleck, Maersk Oil Qatar Managing Director, and Andy Brown, Executive Vice President Qatar Shell & Managing Director Pearl GTL – Moderated by Sean Evers, Managing Partner.

11.30 – 11.45 **Conclusion of Session A**

*Nb. Move from Auditorium to Blue Area

Session B – Roundtable Discussions

12.00 – 12.05 **“Energy Outlook Observation”**
Doha Energy Forum guests will be seated with their pre-assigned tables, which will evolve into a Roundtable Discussion. E.ON Ruhrgas Hans-Peter Floren will present an outlook for the energy industry ahead of the commencement of the Roundtable Discussions.

12.05 – 1.00 **Roundtable Discussion: Outlook for Energy**
Each table will engage in a 45-minute moderated discussion on one of the Key issues facing the outlook for Energy in the coming decades and come up with a 3-point Table Consensus Statement on the question debated.

1.00 – 1.30 **Buffet Lunch**

1.30 – 2.30 **‘A View from Doha’**
Present Table Statement: ‘A View from Doha’- Each Table will present their table’s 3-Point Outlook to the forum gathering, led by Senergy Chief Executive Officer James McCallum.

2.30 – 2.45 **Coffee Break**

Session C – Industry & Academia: ‘Research’

2.45 – 3.45 **Panel Debate**
The State of Qatar has committed 2.8% of its GDP for research undertakings and it is essential that the research be focused on the needs of the country. A panel of researchers and energy industry experts operating in Qatar will discuss and debate with the audience the greatest long range technical challenges facing petroleum, chemical, and related industries in the country in order to outline and propel the appropriate research projects to help solve these issues.

3.45 – 4.00 **Closing Comments**



ExxonMobil in Qatar

Exxon Mobil Corporation is the world's largest publicly traded integrated petroleum and natural gas company. The Corporation has enjoyed a strategic partnership with the State of Qatar dating back several decades. ExxonMobil Qatar Inc. (EMQI) is a subsidiary of Exxon Mobil Corporation and is the interface point within Qatar for all ExxonMobil affiliated activities. ExxonMobil affiliates participate in numerous gas related projects in Qatar, including Ras Laffan Liquefied Natural Gas Company Limited (RL1, RL2, RL3), Qatar Liquefied Gas Company Limited (QG 1 and QG 2), Al Khaleej Gas (AKG), Barzan Gas Project and in the Laffan Refinery. ExxonMobil Research Qatar Limited is an anchor tenant at the Qatar Science & Technology Park, conducting research in areas of common interest to the State of Qatar and ExxonMobil. ExxonMobil embraces the Four Pillars of Qatar's National Vision 2030 of Human, Social, Economic and Environmental Development and strives to support the Pillars in our various partnerships within the State of Qatar.



Alexander (Alex) Dodds

President & General Manager of ExxonMobil Qatar Inc.

Alex Dodds became the President & General Manager of ExxonMobil Qatar Inc. (EMQI) on August 1st 2006. Prior to joining EMQI, Mr. Dodds was the Managing Director of RasGas and a Director of the Company since January 26th, 2005. He was also the President of ExxonMobil Canada Limited (July 2003 to November 2004) responsible for all activities related to ExxonMobil's operated and non-operated oil and gas production on the East Coast of Canada. Mr. Dodds has over 24 years experience in the oil and gas sector of which 20 years have been with ExxonMobil and its affiliates. In addition to working in Qatar and Canada, he has worked in Brazil, UK North Sea, USA, Europe and Indonesia. Mr. Dodds holds a Bachelor of Science degree in Civil Engineering and a Master of Science degree in Petroleum Engineering from Heriot Watt University in Edinburgh, Scotland.

ORYX GTL

ORYX GTL Limited was established in Doha, Qatar, in January 2003 with the mandate to develop, construct and operate a large-scale gas-to-liquids (GTL) plant in Qatar for converting natural gas into high quality GTL products. ORYX GTL is a 51:49 joint venture company between Qatar Petroleum (QP), the national petroleum corporation of the State of Qatar, and Sasol Synfuels International (SSI), a wholly owned subsidiary company of Sasol Limited of South Africa. Developed at a total cost of about US \$1 billion, ORYX GTL is currently the world's largest operating GTL Company and has a nominal plant capacity of about 32,400 b/d. The GTL diesel and GTL naphtha produced by ORYX GTL is marketed internationally by Sasol Synfuels International Marketing (SSIM). The first of the commercial GTL investments in the Twenty First century to achieve operating status, ORYX GTL has reaped the commercial rewards of being built at a time of relatively low construction costs and coming on-line at a time of higher fuel prices. ORYX GTL released its first shipment in April 2007 and as of the end of January 2011, the Company has successfully sold more than 25,000,000 barrels of GTL product and received positive customer feedback.



Abdulrahman M. Al-Suwaidi

CEO of ORYX GTL

Abdulrahman M. Al-Suwaidi joined Qatar Petroleum in 1987 after completing his degree in Chemistry from Qatar University. He then earned his higher Diploma in Mechanical Engineering from Bradford University in England. Abdulrahman has 24 years experience in the oil / gas industry and has been assigned different roles and responsibilities ranging from supervisory to managerial in a variety of areas upstream and downstream in maintenance, inspection, gas processing and production. In January 2007, he was seconded to ORYX GTL as Deputy General Manager to oversee the company's operation. Two years later, he was appointed as ORYX GTL's CEO. He is also Deputy Chairman of CWC XTL Management Committee and a member of the Dolphin Energy Management Committee among others. Abdulrahman M. Al-Suwaidi is part of the team that has efficiently and effectively contributed to establishing Qatar as the GTL capital of the world.



**MAERSK
OIL**

Premier Industry Partner

Maersk Oil is a global oil and gas company producing some 700,000 barrels per day. The company has ongoing exploration and production activities around the world, including in Denmark, the UK, Kazakhstan, Angola, Brazil, Greenland, Oman and the US Gulf of Mexico. Maersk Oil Qatar has been developing Qatar's largest offshore oil reservoir, the Al Shaheen field, under an Exploration and Production Sharing Agreement (EPSA) with Qatar Petroleum since 1992. Its reservoirs were originally deemed too small and difficult for development, due to their thin payzones and low permeability. Maersk Oil's experience and technology from marginal fields in the North Sea and in horizontal well technology made development of this challenging field possible. The Al Shaheen field now contributes one third of Qatar's oil production, producing some 300,000 barrels per day and successfully reaching a production milestone of 1 billion barrels of oil in 2010. The latest field development plan (FDP 2005) is one of the world's largest and most complex, encompassing 15 new offshore platforms - now installed successfully, the world's largest 3D seismic survey and the drilling of over 160 wells at an investment of USD 6 billion. Maersk Oil Qatar has also successfully reduced flaring to an absolute minimum in the Al Shaheen field. As a result of initiatives to reduce emissions, the FDP 2005 has been approved as the world's largest Clean Development Mechanism (CDM) under the Kyoto Protocol. This year Maersk Oil is investing USD 100 million in the Maersk Oil Research & Technology Centre (MO-RTC) at QSTP over 10 years. As well as supporting knowledge-transfer, the MO-RTC will be driving technology development into some of the industry's most challenging areas under 3 main themes: IOR (improved oil recovery) from long horizontal wells, carbonate EOR (Enhanced Oil Recovery) and offshore operations.



Lewis Grant Affleck

Maersk Oil Qatar Managing Director

Lewis Affleck joined Maersk Oil in 2010 as Managing Director of Maersk Oil Qatar, with overall responsibility for the company's activities in Qatar, including the Al Shaheen field offshore development. His work in the oil and gas industry spans 30 years, working with AMOCO, LASMO and BG Group in various technical and senior management positions in Aberdeen, West Texas, Houston, Pakistan, Columbia and London. Before joining Maersk Oil Qatar, Lewis was Managing Director UK Upstream and President of BG Kazakhstan – BG Group's two largest assets. Within the UK he led the rationalisation and turnaround of BG's upstream UK business. While as President of BG Kazakhstan he led the complex technical, organisational and political issues associated with the super giant Karachaganak field development. Lewis Affleck holds a Civil Engineering degree from Edinburgh's Heriot-Watt University and is an active member of the Society of Petroleum Engineers (SPE).



Total

Total, one of the world's largest oil and gas companies, has a 75-year presence in Qatar, and is active in all stages of the energy industry, from upstream (oil and gas exploration and production) to downstream (refining and marketing) and petrochemicals. Total operates the offshore Al-Khaleej oil field, discovered in 1991 using highly innovative technologies to optimise the recovery. Total is also one of the founding partners of Qatargas 1, the first liquefied natural gas (LNG) project developed in Qatar. In 2006, Total expanded its involvement in the LNG industry through Qatargas 2, while purchasing up to 5.2 million tonnes per year of LNG for four destinations (France, the UK, the US and Mexico). In addition, Total is one of the founding partners of the Dolphin project, the largest natural gas project ever developed between three countries in the Gulf: Qatar, the United Arab Emirates and Oman.



Philippe Guys

Managing Director Total E&P Qatar and Total Group Representative of Qatar

Prior to assuming his current post, Philippe Guys served as Vice President, Drilling & Completion, in Total's head office in Paris from 2004 to 2007. During his 32 years with Total, he has held various positions in drilling and production, engineering, Research and Development and management in numerous countries around the world, including China, Indonesia, Venezuela, Scotland, Myanmar, Middle East, and Paris France.. From 2001 to 2004, Guys was the General Manager of the operating company Ypergas in Caracas (Venezuela). Philippe Guys graduated in 1977 from the higher School of Mechanical Engineering at the École Centrale de Nantes, and in 1980 from the École Nationale Supérieure du Pétrole et des Moteurs at the French Petroleum Institute. He is married and has two children.

Occidental Petroleum Corporation



Occidental Petroleum Corporation (NYSE:OXY) is an international oil and gas exploration and production company, and its OxyChem subsidiary is a major North American chemical manufacturer. The fourth-largest U.S. oil and gas company, based on equity market capitalization, Oxy has more than 30,000 employees and contractors in the United States, Middle East/North Africa and Latin America. Oxy is an acknowledged leader in applying advanced technology to boost production from mature oil and natural gas fields and access hard-to-reach reserves. More than one-third of Oxy's production comes from the Middle East/North Africa region, where the company has been an active investor for more than four decades. Oxy is the second-largest oil producer in Oman and offshore Qatar, and a participant in the Dolphin Project, which supplies natural gas, produced and processed in Qatar, to markets in the UAE and Oman. Oxy also has operations in Bahrain, Iraq, Libya and Yemen.



Tim Borgerding

President and General Manager, Occidental Petroleum of Qatar Ltd.

Tim Borgerding is President and General Manager, Occidental Petroleum of Qatar Ltd, an affiliate of Occidental Petroleum Corporation (Oxy). Mr. Borgerding is responsible for managing Oxy's producing operations offshore Qatar, with major focus on maintaining effective relationships with the company's production sharing agreement partner and other government ministries. Mr. Borgerding's career in the oil and gas industry spans almost 30 years. He joined Oxy in 2006, serving as Senior Vice President, Business Development, for Occidental Development Company in Houston and later as President and General Manager of Occidental of Abu Dhabi Ltd. He was appointed to his current position in 2009. Prior to working at Oxy, Mr. Borgerding spent 23 years with Unocal, where he held a number of engineering, operations, strategic planning and senior management positions in the United States, Indonesia, China and United Kingdom. Mr. Borgerding holds a Bachelor of Science in Petroleum Engineering from the University of Missouri-Rolla. He is a member of the Society of Petroleum Engineers.



Premier Industry Partner

Shell is building two of the largest energy projects in the world with Qatar Petroleum in Ras Laffan Industrial City. Pearl Gas to Liquids (GTL) is the largest project ever launched in Qatar. It will be the world's largest GTL plant and will cement Qatar's place as the GTL capital of the world. Qatar Petroleum and Shell (30 per cent) are together building the Qatargas 4 Liquefied Natural Gas (LNG) project combining Shell's global leadership in LNG with Qatar's vision to become the world's largest LNG supplier. Shell has established a world-class research and development facility and a learning centre at the Qatar Science & Technology Park. We call this facility the Qatar Shell Research & Technology Centre and we are committed to investing up to \$100 million on programmes there over 10 years. Shell has been appointed by Qatar Gas Transport Company (known as Nakilat) as shipping and maritime services provider for one of the most significant fleets in the global LNG business. A key element of the agreement is the commitment to develop Nakilat's shipping expertise. We have a strategic partnership with Qatar Petroleum International to work together on projects around the world throughout the energy value chain. We are working with Qatar Fuels (WOQOD) to supply Shell marine lubricants in the ports of Qatar. WOQOD is also providing Shell marine lubricants to Nakilat vessels abroad. We are proud that the State of Qatar has chosen Shell to be their partner in these projects.



Andy Brown

Executive Vice President Qatar Shell & Managing Director Pearl GTL

Andy Brown joined Shell in 1984 after completing his degree in Engineering Science from Cambridge University. In 1985 he was posted to New Zealand, where he worked as Project Engineer. He married his wife Julie in 1985. From New Zealand he was posted to Netherlands Aardolie Maatschappij, where he worked on the F3 offshore project, initially working as a rotating equipment engineer and latterly as Construction Manager for the platform constructed in Southern Italy. Andy then moved to Brunei Shell Petroleum in 1993 to lead the Conceptual Engineering Group for the Offshore West region. In 1996 Andy joined Petroleum Development Oman initially as Planning Manager and latterly as Asset Manager for the central Oman oil fields. During this time he played a role in the establishment of Shell Hydrogen. In 2000, Andy was appointed to work with the Vice Chairman of Shell as Senior Adviser for the Middle East and Former Soviet Union, before becoming Private Assistant to the Chairman of Shell in 2001. In 2002, Andy joined Shell Gas and Power as Project Director for the Pearl GTL Project. Following the successful conclusion Development and Production Sharing Agreement (DPSA) negotiations, Andy moved to Qatar and was appointed Managing Director of the newly formed Qatar Shell GTL Ltd, which is tasked with the execution and operation of the Pearl GTL project. Additionally Andy was appointed Executive Vice President Qatar Shell on the 1st July 2009. Andy has four children who keep him away from e-mails and the golf course at weekends!

Thegulfintelligence.com Knowledge Series

Gulf Intelligence produces boutique industry forums with an architecture that ensures all participants engage in a dynamic and competitive exchange of knowledge towards a shared goal.

UPCOMING EVENTS - Q2, 2011

The New Silk Road: China Mideast Forum – April

The Arab world is rising. Dubai's skyline is jammed with gleaming skyscrapers. Foreign banks are opening in Syria's business district. Arab holidaymakers fill Beirut's five-star hotels. Yet, the Arab world isn't rising alone. An emerging China matches it. The timing isn't a coincidence. The two are historic powers once connected by one of the world's great trade corridors, and the opportunities presented by its reemergence will be explored in the Dubai forum.

A Conversation with Bob Geldof: East vs West in Africa – April

"Poverty can be alleviated through aid, but will only be eliminated through trade, investment and growth," said Bob Geldof, who has urged Western countries to keep up with China's investment in Africa. Trade between Africa and China has soared tenfold during the last decade to over \$100 billion. The singer and campaigner for aid to Africa, Geldof is once again leading by example and seeking to raise \$1bn from institutional investors for a private equity venture on the continent. The African Development Bank and the International Finance Corporation have both pledged \$50m to the fund, called 8 Miles, which intends to make about 20 investments in agribusinesses, financial services and telecommunications.

Levant Energy Forum (Nicosia, Cyprus) – May

The ground under the sea floor of the eastern Mediterranean is filled with trillions of cubic feet of natural gas, offering the prospect that regional rivals might all benefit from an energy bonanza. The promise of hydrocarbon riches off the coast of the Levant is shaping new alliances and stoking old conflicts. But is it possible the discoveries could yield some peace rather than more acrimony – the challenges are not minor when one starts with the fact that under international law, countries have the exclusive right to explore for resources out to 200 nautical miles off their coasts in what is called an "economic exclusion" zone.



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Media Partner



FINANCIAL
TIMES

Dyala Sabbagh - Partner



Dyala's decade in the gulf has seen her gracefully bridge the world of media and business, with two successful Dubai-based companies to her credit. She was

short listed for the Entrepreneur of the Year Award 2007 by *Emirates Woman* magazine. These achievements came at the same time as presenting television shows for the BBC and CNBC, which currently includes guest anchoring CNBC's regional flagship program *Gateway to the Middle East*. In 2002, Dyala founded Proof Woody FZ LLC, a convenience retail business, which now boasts the largest network of news kiosks across Dubai. She is also a partner in Gulf Intelligence. Dyala started her career in the mid-1990s in banking with Credit Suisse First Boston in Paris. She is married with three children and lives in Dubai.

Raghida Haddad - Event Director



A seasoned international public relations and public affairs specialist with an extensive global network of senior contacts developed over 20 years

of experience in high-profile projects and economic development initiatives working with governments and the private sector in the United States, Europe and the Middle East.

Ms. Haddad spent almost a decade with the New York City Mayor's Office as Director of Consular Corps Affairs, followed by a decade in the Arabian Gulf where she held roles that included head of public relations for Dubai 2003 (Annual Meetings of the Boards of Governors of the World Bank Group and International Monetary Fund) and General Manager of Communications for Qatar Tourism Authority. Ms. Haddad is now a Senior Communications Consultant with Gulf Intelligence based in New York.

Premier Industry Partner

Senergy, which handled the biggest transfer of assets in the history of the North Sea in 2008/2009 from Shell to Abu Dhabi National Energy Co. (TAQA), is a diversified energy services business with more than 500 employees worldwide operating in the oil, gas and alternative energy sectors. The firm focuses on adding value and minimizing risk for clients through the application of commercial and technical innovation. Through a network of global offices in the UK, Norway, the Middle East, Australia, South East Asia and the U.S., Senergy offers expertise in geosciences, reservoir engineering, geohazard assessment, marine site surveys, rig positioning, wells engineering and project management. It has the flexibility to meet every need from reservoir evaluation through to full field development and drilling. From its roots in the oil and gas industry of the North Sea, Senergy is now deploying these core capabilities in the emerging alternative energy sector. A rapidly-growing company founded in Scotland in 2005 upon a rich heritage with a vision to build an international group of businesses offering integrated “cradle to grave” solutions to the energy market -- Senergy gives clients access to the right assets, the right teams and the right solutions, all aimed at enhancing performance and productivity. Senergy’s five-year plan is to transform from a U.K.-based European energy services company into a U.A.E.-based Global energy services firm, and as a major step in achieving this goal the company’s CEO James McCallum has moved his office from Aberdeen to the United Arab Emirates.



James McCallum

CEO, Senergy

In 2005, James McCallum became Chief Executive Officer and co-founder of Senergy. He is responsible for providing direction and leadership toward achieving Senergy’s vision and strategy. James’ career has been defined by relentlessly challenging convention to achieve industry-leading levels of efficiency, effectiveness and performance. A serial entrepreneur, at the heart of everything he does is the belief that ethics, sustainability and community are critical to both personal and professional success, that business isn’t only about the pursuit of profits, but about applying our collective skills and talents to make a difference to the global community while being profitable at the same time. James has over 20 years’ experience in well engineering, well construction management and business management, including 14 years with UK and international operators. He was the founder and ultimately president of the North Sea’s leading turnkey wells project management company, GMIS, an active member of the joint industry/UK government task force scheme Pilot from 1997–2002, and co-creator of Scotland’s renewable energy task force FREDS. James has worked in the UK, Europe, Thailand, Burma, Pakistan, Abu Dhabi, Sharjah, the USA and West Africa, and currently lives in Dubai with his family. A passionate admirer of Scottish poet Robert Burns, for one week each year James travels worldwide to attend and speak at Burns’ events to raise money for charity. James has a BSc (Hons) in Engineering from Aston University, Birmingham, and a postgraduate degree in Civil Engineering from Glasgow University.

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