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CARBONWorld Doha

Focus on Markets, Finance, Trade, Reduction Measures & CCS

14-15 October 2009
Marriott Hotel Doha, Qatar



Held under the patronage of
**H.E. Abdullah Bin Hamad
Al-Attiyah**
Deputy Premier & Minister of Energy
& Industry
Qatar Petroleum Chairman

“Increased opportunities for CDM projects in the Gulf region and its participation in the global carbon trade”

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Taking on the world's toughest energy challenges.™

Day 1 - Wednesday, 14 October 09

8:00 Registration & Coffee

8:50 Chairman's Welcome

9:00 Opening Address

H.E Abdullah Hamad Al-Attiyah

Deputy Premier, Minister of Energy & Industry,
Chairman of **Qatar Petroleum**

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Keynote Address

William M Colton, Vice President Corporate Strategic Planning
Exxon Mobil Corporation

9:20 Coffee Break

MARKETS, FINANCE & LEGAL ISSUES

9:45 **Managing GHG Emissions while Sustaining Economic Growth**

- macro & micro economic challenges
- global cost curves
- global abatement opportunities ranked from lowest to highest cost options
- opportunities to increase energy efficiency in a cost effective way

Tomas Naucler, Director - Climate Change Special Initiative
McKinsey & Company, Inc.

10:15 **Outlook for EU & Global Carbon Prices : The Long View**

Mark C. Lewis, Managing Director
Global Head of Carbon Research, **Deutsche Bank**

10:45 **Climate Change - Economics & Vulnerability of the Mideast North Africa Region**

Ismail Elgizoul, Vice-Chairs Working Group III
Mitigation of Climate Change, **IPCC**

11:15 **Evolving Middle East Carbon Markets – Can the Region be the Next Big Supplier of Carbon Credits?**

- integrating business with a low carbon economy – where is ME headed?

- imperatives for ME project developers
- challenges and future trends
- where do they stand in abatement initiatives

Souheil H. Abboud, Middle East Regional Director
Ecosecurities

11:45 Round Table Discussion

Emergence of Carbon Exchanges in the Mideast & Trading Systems/Mechanism Worldwide & Its Impact on the Industry

Steve Mc Millan, CEO
IMEX
Raghavan Seetharaman, CEO
DOHA Bank

12:15 **Practical Issues in Executing CDM Transactions – Legal Structure, Contracting, Legal Due Diligence**

Anthony Hobley, Head of Climate Change & Carbon Finance
Norton Rose LLP

12:45 Discussion followed by Lunch

14:00 **CDM Approval Procedures & Regulatory Update in the Region**

i) UAE

Elwaleed Elmalik

Legal advisor/ Coordinator of **UAE CDM Committee**

ii) Yemen

Dr. Lia Carol Sieghart International Advisor/
DNA Secretariat

Ministry of Water and Environment

iii) Egypt

15:00 Discussion followed by Tea.
Refreshment Sponsor



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15:30 **Validation & Verification of CDM Projects – Lesson's Learnt**

- project design document development
- methodologies & additionality
- validation & registration
- how to ensure projects are implemented as planned

- what risks may be expected during verification

Michael Lehmann, Technical Director
DNV Climate Change Services

16:00 **Credit Crunch & Its Impact on Investments in Renewable Energy**

- financing projects in a tight credit environment

16:30 **Carbon Asset Management**

- how to structure deals for forward sales of carbon credits and hedge against volatility of carbon prices

Shezan Amiji, Cofounder
Ecoventures

17:00 Discussion followed by Close of Day 1

Day 2 - Thursday, 15 October 09

CLEAN EMISSIONS SOLUTIONS & CCS

8:00 Chairman's Remarks

8:10 **Challenges and Options in Gas Flaring Reduction Initiatives**

- new reduction projects
- finding outlets for this gas that otherwise will be flared
- pricing & Access to Infrastructure

Bent Svensson, **Global Gas Flaring Reduction (GGFR) Partnership, World Bank**

8:40 **Al Shaheen Oil Field Gas Recovery CDM Project**

Inviting Senior Representative
Qatar Petroleum

9:10 **Oil & Gas Perspectives Developing Clean Emissions**

Crescent Petroleum
Dr Brent Pasula, HSSE Manager

Petroleum Development Oman
Dr Khamis Busaidi, Energy Policy Adviser

10:10 Discussion followed by Coffee

10:40 **Cement CO₂ Management & CDM Experience**

KC Narang, Technical Advisor
Dalmia Cement

11:10 **Qatar's New Energy City – Building the World's Largest Solar Energy Complex**

- an update / progress report
- CDM project opportunities in Energy City

Inviting Senior Representative
Energy City Qatar

11:40 **New Innovations in Recycling CO₂ Emissions to Building Materials**

Dr. Paula Carey, Founding Director
Carbon8 Systems Ltd

12:10 Final Discussion followed by Closing Lunch

**Separately Bookable Workshop (Optional)
Carbon Capture & Storage (CCS)**

12:45 Register

13:00 **Subsurface CO₂ Storage**

Professor Martin Blunt, Petroleum Engineering Head
Dept of Earth Science and Engineering
Imperial College London

14:45 **Options for CO₂ Storage in the Mideast & Lessons Learnt from the In Salah Project Algeria**

- early case studies, Pilot projects and learning curve for CCS

Gardiner Hill, Alternative Energy, Director CCS Technology
BP

15:15 **Enhanced Oil Recovery – Extending the Value Chain for CCS**

Dr Mahmut Sengul, VP-Middle East & Asia
Schlumberger Carbon Services

15:45 Discussion followed by Tea

16:15 **Monitoring Measurement & Verification, Ensuring CO₂ Storage Capacity**

Dr. Mark Raistrick, Senior Geoscientist-Carbon Team
Senergy Alternative Energy

16:35 **Regulatory Issues Surrounding CCS**

16:50 Final Remarks & Discussion by **Prof. Blunt**

17:30 End of Workshop

Qatar Poised to Shape Mideast Carbon Markets

Today, Qatar has emerged as a key mover and leader in moving further in its clean energy programs. **Carbon World Doha 2009** organized by Centre for Management Technology with support from Qatar Petroleum will showcase the immense possibilities of cooperation in building a regional carbon market. Qatar was the first GCC country to join the World Bank's Global Gas Flaring Reduction (GGFR) project, aiming at reducing CO₂ emissions by exercising tight control on gas flaring, a major contributor to the country's CO₂ emissions.

The \$125 bn global carbon market in 2008 grew faster both in terms of volume and value dramatically bucking the current downturn which depressed most global commodity trading. While India and China accounted for a large number of projects it is in Middle East where the major growth is poised. Across Middle East and in particular in Qatar, major CDM projects are being commissioned.

CMT's "**Carbon World Doha 2009**" is a major initiative in examining the carbon market landscape - from policies, initiatives to CCS. The summit will provide deep insights into the modalities of building businesses on a low carbon platform.

Besides it will discuss the perspectives from government agencies, project developers and carbon finance experts in carbon management and policy initiatives. The summit will delve into contemporary dynamics of credit crunch and strategic approach being adopted by proponents. Carbon trading trends, voluntary carbon markets, and carbon sequestration and storage aspects are related issues which will be debated by global experts in climate change and carbon markets.

Key Reasons to Attend Carbon World Doha

- **International Perspectives on global carbon markets and pricing outlook. Do current carbon prices justify valid investments in emissions reduction projects ?**
- **Assess financing availability of renewable projects**
- **As a project developer, how can you manage your GHG emissions in cost effective ways**
- **Contracting and executing CDM transactions**
- **Legal framework and CDM approval procedures in the region - can the Mideast be a major supplier of carbon credits ?**
- **Emergence of carbon exchanges and how it will impact industry**
- **For the oil & gas industry to find outlets in reducing their gas flaring and what proactive approaches to take in developing clean emissions solutions**
- **New innovations in recycling CO₂ emissions**
- **Review options & possible locations for CO₂ Storage in the Mideast with case studies of successful projects**

You will network with

- Oil, Gas & Petrochemical Cos • Utilities & Power Cos • Environmental Mgt Consultants • Technology Solutions Providers
- Project Developers • Bankers, Investors & Venture Capitalists • Government & Municipalities • CDM Project Players
- Carbon Consultants & Brokers • Law Firms

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Your Strategic Partner in Qatar

Taking on the world's toughest energy challenges.™

ExxonMobil Corporation is the world's largest publicly traded integrated petroleum and natural gas company. We operate facilities and market products around the world, and explore for oil and natural gas on six continents. Meeting the world's growing energy needs requires an integrated set of solutions, and ExxonMobil is committed to accelerating gains in energy efficiency in our own operations, expanding all commercially viable energy sources, and developing technology to help mitigate the growth of emissions associated with energy use.

The Corporation has enjoyed a strategic partnership with the State of Qatar dating back to 1935. ExxonMobile Qatar Inc. (EMQI) is a subsidiary of ExxonMobil 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 (RL I, RL II, RL 3), Qatar Liquefied Gas Company Limited (QG I and QG II). Additionally, ExxonMobil affiliates participate in Al Khaleej Gas (AKG), which is currently producing and Barzan, which is under development. ExxonMobil affiliates participation in Qatar's LNG ventures ranges from 10% to 30% and is the only foreign shareholder in AKG and Barzan. ExxonMobil is also a participant in the Laffan Refinery through its affiliate, ExxonMobil Qatar Refinery Limited.

Qatar Petroleum and ExxonMobil Chemical Qatar Limited has signed a Heads of Agreement to progress studies for a world-scale petrochemical complex in Ras Laffan Industrial City. In addition, 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. Towards these goals, ExxonMobil affiliates provide a wealth of resources, including technology, operational best practices, financial strength and human resources, while working under the highest safety, health, environmental and ethical standards, ExxonMobil affiliate operations in Qatar also support local communities and participate in a multitude of educational, social, cultural, sporting and economic activities.

EMQI recruits graduates from Qatar University and other local universities and colleges. Simultaneously, an ExxonMobil team identifies and hires potential Qatari national employees from universities around the world. Recruited employees are provided on-the-job training and formal training both at the local and international levels.

ExxonMobil's partnerships with Qatar Petroleum will continue to play a key role in Qatar's rapid transformation into the world's largest supplier of reliable LNG.

CARBONWorld Doha

14-15 October 09 | DOHA, QATAR



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FEES

The full Registration Fee includes cost of all sessions, luncheon, coffee/tea & documentation.

<input type="checkbox"/> Conference Fee for 1 Person	<input type="checkbox"/> Conference Fee for 3 or more* (from the same company)
USD2,395	USD2,095 (MIN SAVINGS OF USD900)
<input type="checkbox"/> CCS Workshop only Fee (per person)	<input type="checkbox"/> Workshop Fee (for Conference delegate)
USD695	USD300

* Terms and conditions apply.

Cancellations, Refunds & Transfers: A full refund will be promptly made for all written cancellations 3 weeks before the meeting. Thereafter, cancellations are not refundable. A substitute may be made at any time.

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CONFERENCE VENUE

CMT has arranged special discounted room rate at QR 1250 (Single/Double) + 17% Taxes per room per night only (subject to room & rate availability) for delegates at **Doha Marriott Hotel**. Breakfast is available at QR 94 + 17% Taxes per person. Please reserve your room with the hotel directly, providing full credit card number and expiry date to:

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 Fax: +974 4298804
 Email: minelli.dekretser@marriott-hotels.com
 Cut-off date: 13-09-2009

CMT'S UPCOMING EVENTS

Africa CemenTrade

TUNIS, TUNISIA | April 28-29

Next frontier
 - Africa's vast emerging cement markets - Seizing Opportunities & Supplying to Infrastructure boom

Green Petroleum & Processing 2009

DOHA QATAR | May 12-13

Improving Energy Efficiency, Clean Fuels Production and Carbon Emission Reduction

Mekong*POWER Summit

HO CHI MINH, VIETNAM
 Jun 4-5

Latest on Investment Policies, Legal, Commercial & Financing Issues

* Vietnam, Laos, Thailand, Cambodia, Myanmar

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