

2nd Annual Global Gas & LNG Summit Abu Dhabi, UAE | 23 to 26 Apr 2012



THANK YOU FOR MAKING THE GLOBAL GAS & LNG SUMMIT AN EVENT TO REMEMBER!

POST CONFERENCE REPORT

EVENT AT A GLANCE

APRIL 23, 2012	APRIL	24, 2012	APRIL 25, 2012	APRIL 26, 2012
PRE-CONFERENCE WORKSHOP	MAIN CONFERENCE			POST-CONFERENCE WORKSHOP
"LNG Master Class" By Niall Trimble, Director and Managing Partner, The Energy Contract Company & David Haynes, Principal LNG Consultant,GL Noble Denton	April 24	Chairman's Opening Address: Day One		"LNG: Fuelling the Future" By Malcolm Johnson, Director, eMJay LNG Limited
		Introduction & Speed Networking Session		
		Conference Day One: Analysing and Examining the Global Gas & LNG Industry		
		Cocktail Reception		
	April 25	Chairman's Opening Address: Day Two		
		Conference Day T Coverage on Imm	wo: Case Studies with Specific inent Issues	

Organized By,



MEDIA PARTNERS



























TESTIMONIALS

- "The LNG Master Class provides brilliant insight on the LNG technology and commercial chain"
- Gas Regulation Advisor, NERSA, South Africa
- "I attended two courses organized by Neoedge and both were worth attending as the contents, presentations and arrangements were remarkable
- Senior General Manager, Sui Southern Gas Company, Pakistan
- "LNG eye opener. Indeed it was interesting and worth participating"
- Gas Trader, Borkir International, Nigeria
- "This course optimally provided me knowledge of LNG operations and management that will help me to understand the background of party I will negotiate with when purchasing LNG"
- Senior Manager, Indonesia State Electricity Company
- "I have attended events organized by Neoedge which have been quite educative especially the workshops. The trainers were very competent and knowledgeable"
- Senior General Manager, Sui Southern Gas Company, Pakistan
- "A wonderful conference with carefully selected speakers. It was an amazing 2 days."
- Petroleum Engineer, NNPC NAPIMS, Nigeria
- "Very interesting and worldwide experience."
- Commercial Manager, OLT Offshore LNG Toscana, Italy
- "They were excellent!"
- Director Coal Gas Policy, Department of Energy South Africa

- "A good and comprehensive conference which allow participants to interact with the trainer and fellow participants."
- Project Development Manager, Genser
 Power, Ghana
- "My attending this conference has greatly enriched my understanding of the dynamics of Gas and LNG in the global economics. It is very rewarding."
- Technical Advisor, NNPC-NAPIMS, Nigeria
- "Neoedge has been wonderful in providing key knowledge and skills to the natural gas and LNG industries."
- Anonymous
- "This was excellent participatory summit. I would recommend it to all those involved in LNG."
- GM Regulation, ECB
- "The company was prepared to consider pricing options that made it possible to attend and is most appreciated."
- Manager, Banzi Geotechnics
- "This is my first encounter with Neoedge and they have been wonderful with their organizational skills & hospitality"
- NNPC
- "You are a client oriented business system."
- DM Reservoir Management
- "The workshop was great and highly informative"
- GM, ECB
- "This exposes Neoedge as an experience company in organizing beneficial workshops / seminars & courses for the oil & gas industry."
- GM Materials, NAPIMS

"The Africa Gas & LNG was well package with good industry facilitators. Very educational for Africa Gas & LNG operation and government policy formulation."

- Chief Project Engineer, NNPC/NAPIMS

"It has been a knowledge filled conference and it was worth while to attend."

- Engineer, iGas

"In-depth materials and relevant issues addressed on gas & power business in Africa."

- DM Plant Monitoring & Maintenance, NAPIMS

"This programme is well organized and very relevant to the operations of NNPC/NAPIMS. Please contact management for further participation."
- Chief Project Engineer, NNPC/ NAPIMS

"Great conference and much information. Quality of speakers provided were very good."

- Compliance & Dispute Analyst, NERSA

ABOUT THE MAIN CONFERENCE

It was indeed a productive year for Neoedge to conduct the 2nd Annual Global Gas & LNG Summit. We had the honor of welcoming 80 key decision makers within the gas & LNG industry who came from various parts of the world, namely - Nigeria, Thailand, Netherlands, Pakistan, Iran, South Africa, Oman, Kenya, United States of America, United Kingdom, Norway, Egypt, Spain, Indonesia, Ghana, South Africa and the host country of United Arab Emirates. The future of gas & LNG in terms of developments, pricing, partnerships as well as meeting the growing demands for power generations seems pivotal in this year's discussion. Recognizing the emerging business potentials and pressing challenges, this summit has provided all domestic and international organizations an in-time and efficient platform of learning, networking and partnership building. Together with our panel of top notch experts and consultants, participants learned and benefited from the ideas and experiences of these practitioners and more importantly, they left on a high and positive note.

KEY HIGHLIGHTS OF MAIN-CONFERENCE



Chairman's Opening Address Kate Dourian, Editor in Chief – Middle East, **Platts**



Government's role in encouraging more investments for exploration of stranded gas as well as government's role in encouraging LNG's growth

- Historical background and current position of LPG use in Sri Lanka
- Introduction of LNG to power, Thermal Power Plants
- Prospects of exploring for LNG in Sri Lanka waters

Hon. Susil Premajayantha, Hon. Minister, **Ministry of Petroleum Industries, Sri Lanka**



The Challenging Energy Future: The Case for Gas

- Features of today's landscape in the MENA: The demographic bulge and lifestyle expectations
- Impact of geopolitics and recent regional dynamics economic development and job creation.
- Gas availability: challenges and harnessing opportunities in a journey towards a sustainable energy future

Ahmed Mouti, Head of Strategy and Gas Advocacy – Middle East & North Africa, **Shell**, **UAE**



The development of global gas markets and RWE's strategy to position itself as a global player in the industry

- Gas market evolution (Shale/LNG/Pipeline gas and new markets)
- Pricing mechanisms and future challenges for companies operating in this uncertain future
- RWE's approach (upstream interests/LNG position through acquisition of Excelerate Energy/Trading)

Marwan Mansour, Regional Head of Commercial at **RWE Supply & Trading**



Importance of strategic and successful partnership for long term gas and LNG developments

- Climate control to push gas forward as a readily available and generally accepted fuel source
- Geographical imbalance between major supply and demand centers and how this encourages the flow of gas through pipelines and LNG
- Meaningful partnership through imported skilled labor with IOCs for highly technical skills in which most supply countries fall short on
- Successful partnerships between NOCs and IOCs

Dr. Maikanti Baru, Group General Manager, LNG Division, Nigerian National Petroleum Corporation



Market change and its impact on LNG

- Changes in market fundamentals impact the way the LNG industry operates. Fact or fiction?
- What lessons can be learnt from recent global events -Japan, economic crisis and unconventional gas!

 Is the LNG industry on the verge of change with the advent of short term LNG trading and shift in market prices

Niall Trimble, Managing Director, **The Energy Contract** Company, UK



LNG as fuel for ships – From coastal/short-sea to Long-Haul shipping trade

- International focus on environmental emissions from shipping
- Latest update of LNG as a Marine Fuel (no. of ships in operations and orderbook, type of ships)
- LNG availability at key strategic shipping hubs globally
- Feasibility for LNG as marine fuel for worldwide shipping trade -VLCCs, Containerships?

Shahrin Osman, Head of Advisory in Middle East, **Det Norske Veritas**, **UAE**



European gas markets: supply & demand overview

- Introduction to European gas markets
- Exploring the outlook for gas supply and demand in Europe
- Natural gas exploration & production in Europe
- Potential impact of unconventional gas on the European markets

Maciej Zwierzchowski, Commercial Manager, PGNiG, Norway



Is the future of LNG floating?

- Is offshore liquefaction viable
- Can technical risks be managed
- Are there limitations in the technology or project design
 David Haynes, Principal LNG Consultant, GL Noble Denton,
 UK



Egyptian LNG Emission

- Background and project highlights of the ELNG plant
- Challenges for hiring high skilled staff, and carrying out an integrated training program in order to transfer successful technology and development of local employees
- ELNG security risk and control in three areas (inside and outside plant fence and marine) and How ELNG achieve high safety performance
- ELNG significant achievement of 20 million man hours during 6 consecutive years without LTI learning from all minor near misses and previous incidents even as well as from other plants or industries
- ELNG climate change initiatives by carrying out efficient projects that reduce CO2 for the next Generation and have nil flaring (ex., Flare reduction project and waste heat

recovery) Ahmed Shehata, Operations Director, **Egyptian LNG**



LNG import versus gas pipeline import

- Overview of the Spanish gas market
- The change in dynamics after the recession
- Brief description of the Medgaz pipeline
- How has Medgaz the import picture after one year of operation
- Expected developments in the Spanish natural gas market Enrique Iglesias Barbero, Head of Natural Gas, **CEPSA**, **Spain**



Badak LNG Plant, 35 years Milestone Plant Expansion, Capacity Enhancement, World Class LNG Reference and Future Prospects of LNG Business

- Milestone Plant Expansion and Capacity Enhancement 1977-1999
- LNG Sales Commitment 1977-2020
- Service Provider for other LNG Plants in the World 2004-2012
- World Class LNG Reference: Benchmarking and International Sustainable Rating System (ISRS) Assessment Results 2009-2011.
- Indonesia's Future LNG Demand: FSRU's & Industrial Revitalization.

Mohammad Abdullah Mot, Operations Manager, PT Badak NGL



PT PLN's plans to counter difficulties to fulfill its gas demand:

- Getting more gas supply from domestic market through DMO (Domestic Market Obligation) Mechanism
- Arrange swap mechanism
- Invite investor to provide LNG FSRU at PLN's Power Plant
- Purchase LNG; Purchase gas from CBM Project; Purchase SNG (Substitute Natural Gas) from Coal Gasification Project
- Implementation of Mini LNG for Medium size power plants; Implementation of Marine CNG for small power units; CNG storage for Peaking Unit

Chairani Rachmatullah, Senior Manager - Primary Energy Planning & Evaluation, **PT PLN (Persero), Indonesia**



Natural Gas and LNG for Power Generation – Thailand's Experiences and the Future

- Electricity and Gas Supply Industries Key Highlights
- Natural Gas and LNG for Power Generation Thailand's Experiences
- The Future of Natural Gas and LNG in Thailand Prospects and Expectations

Thakol Poonsilpa, Director of Fuel Management Division,

Electricity Generating Authority of Thailand (Represented by Thanawat Nakawiro, Head of Fuel Economic Analysis Section)



The Search for Gas & LNG for Power Production in Ghana Kofi Ellis, Business Development Manager, **Volta River Authority**



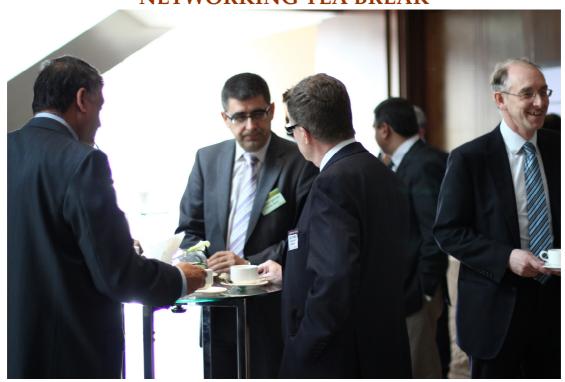
Meeting Critical Challenges of the Next Generation of LNG Facilities

- Key critical challenges starting from global engineering, complex automation and safety systems, diverse or non compatible interfaces, the demands of global enterprises
- The need to be constantly competitive, flexible operation
- The needs of the diverse commercial partners and regulatory agencies. Examples of recent project solutions Romel Bhullar, Senior Technical Director, Fluor Corporation, USA

MAIN CONFERENCE



NETWORKING TEA BREAK



PANEL DISCUSSION



ONE-DAY PRE-CONFERENCE WORKSHOP 23 APRIL 2012 "LNG MASTER CLASS"

Led by Two Leading Trainers and Practitioners



Managing Director
The Energy Contract Company, UK
Contracts Negotiator,
British Gas Corporation (former)



DAVID HAYNES
Principal LNG Consultant
GL Noble Denton, UK
LNG Process Engineer, BG Asia
(former)

KEY ISSUES THAT WERE DISCUSSED DURING THE LNG MASTER CLASS

MODULE 1: INTRODUCTION TO LNG AND THE GLOBAL LNG ENVIRONMENT

- Introduction to the LNG Industry
- Global LNG Production and Markets
- LNG Latest Trends commercial and operational

MODULE 2: LIQUEFACTION

- Fundamentals of LNG liquefaction
- Overview of the main liquefaction processes
- Floating Liquefaction overview of the process and FLNG projects worldwide
- Liquefaction technical and commercial operations

MODULE 3: LNG STORAGE TANKS - LIQUEFACTION & IMPORT

- The importance of LNG storage and storage requirements
- Overview of main tank types and sizes
- How much storage does a project need?

MODULE 4: LNG SHIPS & LNG UNLOADING

- Overview of the history of LNG ships and ship building
- Description of LNG ship tanks and vessel types
- The Qatari Q ships, why and their implications
- The LNG Unloading process
- · Custody transfer and Energy Accounting

MODULE 5: LNG IMPORT TERMINALS

- Overview of LNG import facilities
- Overview of the LNG regas process and BOG systems
- Gas quality issues
- Overview of the Floating LNG Import technologies and projects worldwide
- Key Issues with Offshore LNG Transfer

MODULE 6: OVERVIEW OF THE LNG COMMERCIAL CHAIN

- Overview of the LNG commercial framework
- Interrelationships of LNG project stages
- Key contract terms price & non price
- Evolution and impact of LNG trading

ABOUT YOUR LEADING EXPERTS

Niall Trimble has worked on gas sales contracts since 1980. He worked initially for British Gas as one of the teams negotiating contracts from UKCS fields. He set up the Energy Contract Company in 1988 and since then he has worked on contracts covering gas sales, LNG sales and LNG terminals for clients all over Europe. His work on LNG includes assisting Hess to renegotiate the Snohvit LNG sales contract and he took a leading role in the negotiation of the LNG purchase contract for Cyprus. He has also worked on LNG import projects in the UK, Netherlands and Lithuania. In recent years he has also helped clients negotiate a number of gas trading services agreements covering the sale of gas from fields in the UK North Sea.

The Energy Contract Company is a global energy consulting firm dedicated to helping clients to negotiate commercial contracts. It's expertise covers contracts for; the sale of gas and LNG, transportation of oil and gas, offshore processing and shared facilities, the booking of capacity in LNG Import terminals, the sale of oil and LPG and other upstream contracts including PSCs. The company was created in 1988 to service the needs of the liberalized energy industry world-wide. It is now one of the leading independent commercial advisers in this field, with four Partners, eight Associate Consultants and over four hundred clients on four continents.

David Haynes has 25 years experience as a process engineer working in the energy industries of which the past 15 years have been in LNG with BG Group, Advantica and Germanischer Lloyd as Principal Consultant.

David has worked on **19 LNG import terminals and 7 LNG liquefaction plants all around the world**. He focus is primarily on technical aspects but also has been involved in commercial contracts. Roles have also included marine, commercial, reliability/availability, safety and environmental aspects of projects. Recent major projects have included the design and management of preFEED studies for both an onshore and a floating liquefaction plant and technical leadership of 4 import terminal developments in Europe. These latter have considered both conventional onshore designs and a variety of offshore options.

David has **published 22 papers on LNG** and sat on the LNG Technology panel at LNG13 conference in Korea.

David also has significant experience of oil and gas projects including pipelines and gas treatment plant. He started his career British Gas Research & Technology in coal handling and coal to gas (SNG) development prior to working across British industry assessing energy efficiency and power generation requirements.

David is a chartered chemical engineer with a BSc from Bath University in the UK. He currently sits on the advisory board of the Process Systems MSc course at Cranfield University and previously was a member of the steering committee of the Institution of Chemical Engineers Cost Engineering group.

ONE-DAY POST-CONFERENCE WORKSHOP 26 APRIL 2012 "LNG: FUELLING THE FUTURE"

Led by Leading LNG Trainer and Practitioner:



MALCOLM JOHNSON
Director
eMJay LNG Limited, UK
Strategy and Planning Manager – Natural Gas Business,
Shell UK and Germany (former)

KEY ISSUES THAT WERE DISCUSSED DURING THE LNG: FUELLING THE FUTURE WORKSHOP

MODULE 1: LNG IN CONTEXT

An overview of the emerging role as an energy source and the integrated nature of LNG projects, in particular the need for commercial co-ordination and the long term nature of the commitments

- LNG in the energy scene
- The LNG Value chain
- LNG stakeholders

MODULE 2: LNG SUPPLY POTENTIAL

A review of current and future potential LNG producers and the factors influencing new project development

- Growth of LNG supply sources
- Future prospects
- LNG project development and timescales involved
- Stakeholders requirements

MODULE 3: LNG MARKET OPPORTUNITIES

An overview of LNG markets, regional features and potential growth opportunities

- LNG market summary
- Regional market features
- New market opportunities
- New uses for LNG

MODULE 4: LNG TRADING TRENDS

Surveys how LNG trade has developed and the changing balance between short and long term trade and future trends

- Main trading routes
- LNG shipping
- Impact of globalisation
- Short term versus long term trading

MODULE 5: LNG COMMERCIAL ISSUES

An overview of how LNG projects are structured and the implications for the commercial arrangements. Focus will be on the LNG Supply Purchase Agreement and its importance.

- Commercial Structures
- Agreements in an LNG project
- The LNG supply/ purchase Agreements
- Financing
- Risks

MODULE 6: PROSPECTS FOR THE FUTURE

An outline of possible future trends

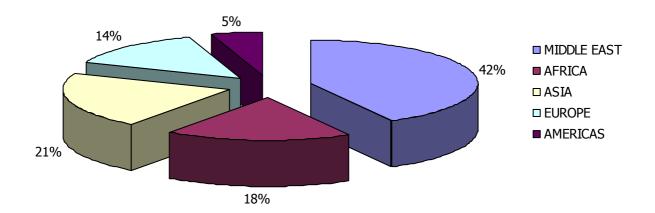
- New technical developments
- Market opportunities
- Political challenges

ABOUT YOUR LEADING EXPERT

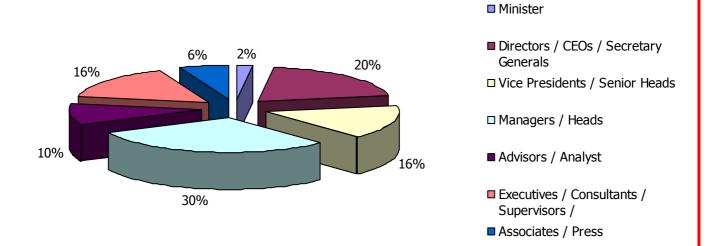
Malcolm Johnson has more than 30 years' experience in natural gas/LNG with Shell. He has been strategy and planning manager in Shell's natural gas business in the UK and Germany during the period of gas liberalisation in Europe. Malcolm has been involved in the development of a number of LNG projects including over 13 years on the Sakhalin LNG project from its inception to Final Investment Decision involving the full range of commercial activities including governance, marketing, LNG contract negotiations and technical/ commercial interface management. He has also provided commercial advice on the Elba LNG receiving terminal expansion, floating LNG, LNG contracts and project development assurance. He is a recognised subject matter expert on commercial LNG matters. Malcolm is now a Director of eMJay LNG Limited providing expert tuition, advice and consulting services to the natural gas/LNG industries.

GEOGRAPHICAL BREAKDOWN OF ATTENDEES

Geographical Breakdown



Job Title Breakdown



COMPANIES THAT HAVE ATTENDED PAST GLOBAL GAS & LNG SUMMITS

- Abu Dhabi Gas Liquefaction Co Ltd (ADGAS)
- Abu Dhabi National Energy Company PSJC "TAQA
- Al Tamimi & Company
- Bitolk Engineering Company Limited
- Bloomberg
- Borkir International Company Limited
- CEPSA, Spain
- CMX Caspian and Gulf Consultants Ltd
- ConocoPhillips International
- Det Norske Veritas, UAE
- Dolphin Energy Limited
- Dow Jones
- EconGas
- ECOWAS Commission
- Egyptian LNG
- Electricity Generating Authority of Thailand
- Excelerate Energy
- Fluor Corporation, USA
- Gas Exporting Countries Forum
- Gas Natural Fenosa, Spain
- Genser Power Ghana Limited
- GLNG Operations Pty Ltd
- GL Noble Denton, UK
- World Bank / Global Gas Flaring Reduction (GGFR)
- Gas Exporting Countries Forum
- Genser Power Ghana Limited
- Global Strategy Consulting Pte Ltd
- KEMA Nederland B.V.
- Kot Addu Power Company Ltd
- Lamprell Energy
- LXL LLP, UK
- Ministry of Oil & Gas Oman
- Ministry of Petroleum and Natural Resources, Government of Pakistan
- Ministry of Petroleum, Department of International Affairs and Commerce, Iran

- MOL Pakistan
- National Grid UK
- NERSA, South Africa
- Nigeria LNG Limited
- Nigerian National Petroleum Corporation (NNPC)
- National Petroleum Investment Management Services (NAPIMS)
- National Iranian Oil Company (NIOC)
- O.T. Otis Engineering
- OLT Offshore LNG Toscana S.p.A.
- Oman Shipping Company S.A.O.C.
- RWE Supply and Trading GmbH, UAE
- Petrofac International
- PGNiG, Norway
- Platts
- PT Badak NGL, Indonesia
- PT Nusantara Regas, Indonesia
- PT Pertamina (Persero), Indonesia
- PT PLN (Persero), Indonesia
- PTT Public Company Limited
- Qalhat LNG, Oman
- Qatargas Operating Company Limited
- Saif Power Limited
- Saudi Arabian Oil Company (Saudi Aramco)
- Shaw Consultants International
- Shell Markets (Middle East) Ltd
- Shell, UAE
- Simmons & Simmons
- Sui Northern Gas Pipelines Limited, Pakistan
- The Energy Contract Company
- Tosha Petroleum (K) Ltd, Kenya
- UAE Ambassador
- Volta River Authority, Ghana
- Woodside Energy Ltd
- Zorlu Dogal Gaz
- Ministry of Petroleum Industries, Sri Lanka

JOIN US FOR THE 3RD ANNUAL GLOBAL GAS & LNG SUMMIT IN PORT OF SPAIN, TRINIDAD & TOBAGO 3-6 JUNE 2013

Neoedge is proud to announce the succession of the last 2 years of **Global Gas & LNG Summit** in the Middle East and Gulf Region. This year's summit brings you new diversity, new outlooks and new perspectives by key players in the gas & LNG industry in the Americas. Our decision to re-strategize and relocate to a different region came after much demand to acquire a platform to identify the growth and dynamic of changes that are currently ongoing in the region. The summit will feature key gas & LNG experts from the global arena – sharing expert insights and analysis of trade movements, current and upcoming trends, new markets and opportunities, best practices, regulatory movements, gas & LNG pricing as well as forecasting the LNG market in years to come.

What you can expect from the Global Gas & LNG Summit 2013:

- Stand alone case presentations by top notch speakers from various emerging and established gas & LNG players in the global arena
- Interactive Panel Discussions of key themes
- Open Questions & Answer with delegates
- **Pre and Post Conference Workshops** on June 3 & 6
- Networking platform for Regional and International Gas & LNG Players
- Exhibition area
- Cocktail Reception
- Lucky Draw at the end of Main Conference
- Awards for Best Speaker, Best Delegate & Chairperson

To access the full agenda, please send your detailed contact information to rekha@neo-edge.com

3RD ANNUAL GLOBAL GAS & LNG SUMMIT SPEAKING OPPORTUNITIES

We are calling interested speakers as well as expert panelists to submit their paper proposal in relevant areas / topics in the gas & LNG field. We are seeking limited speakers with special emphasis to established and emerging gas & LNG buyers and sellers. We also welcome speakers from NOC, IOC, Independent E & P, Government Bodies, Power Generation / Utilities Companies and selected Service Companies. Interested speakers and expert panelists can submit their paper proposals in relevant areas / topics in the gas & LNG field in the following format:

Topic Title: 3-5 Bullets of Major Points: **Abstract of Presentation:** Photo & Bio of the Speaker: (Presentations should be deliverable in 30 minutes)

Abstracts or Workshop Proposals should include name, company address, direct telephone numbers as well as e-mail address of the contact author. Please note only shortlisted proposals shall be notified via email.

For further information on speaking opportunities or to submit proposals, please contact:

Rekha Kaur Conference Manager Tel: +65 6557 9207 Main: +65 6557 9166

Fax: +65 6557 9188

Email: rekha@neo-edge.com

SPONSORSHIP & EXHIBITION OPPORTUNITIES

The 3rd Annual Global Gas & LNG Summit 2013 is a high profile conference designed for government officials, global and local directors and senior executives, professionals, thought leaders and innovators from the gas & LNG sector to convene for business discussions, sharing experiences, exchanging ideas and establishing new relationships. Sponsors are provided with an opportunity to capitalize on this global event to send their message across their target audience, to reinforce brand visibility and thought leadership and demonstrate expert solutions.

We can assist your objectives with our sponsorship and exhibition packages which can be tailored to suit your marketing and business strategies.

Thomas Ooi Head of Business Development

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EVENT PARTNERSHIPS – MARKETING, MEDIA AND ENDORSEMENT

We partner with leading publications, online media and associations in relevant sectors to achieve win-win results. Our extensive marketing campaigns will ensure you impress the right players at the forefront of the latest industry advancements and expand your business territory.

For more information on media partnership, please contact:

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