SMi present their 2nd annual conference on...

**Floating LNG**

Marriott Regents Park | London, UK

Emerging projects, opportunities, challenges and solutions from across the globe

**Benefits of Attending**
- Hear about the latest developments from leading FLNG projects
- Analyse the key market dynamics to predict the future of the industry
- Develop a complete overview of the industry
- Learn about the current technologies in FLNG production and the challenges Floating LNG brings
- Evaluate the financial risk involved from small to large scale FLNG project

**Top Ranked Speaker Faculty Include:**
- **Dinar Indriana**, Senior project communication coordinator, Abadi FLNG Project, INPEX
- **Benjamin Mauries**, Project Manager, Technology Development, Saipem
- **Christopher Caudill**, Director, United LNG
- **Constantyn Gieskes**, Project Manager, Braemar Engineering
- **Alan Buxton**, Chief Operating Officer, Gasol
- **Rene van Vliet**, Chief Project and Technology Officer, Pangea LNG
- **Thomas Fiskaa**, Vice President, Business Development, Hoegh LNG
- **Richard Tylor**, Partner, Hogan Lovells
- **David Haynes**, Principal Consultant, GL Noble Denton
- **Graham Hartnell**, LNG gas consultant, Poten & Partners

**Legal and commercial issues affecting the FLNG industry**
8.30 - 12.30pm
Hosted by: Norton Rose Fulbright LLP

**FSRUs- will they replace onshore terminals and become the terminal of choice?**
1.30 - 5.30pm
Hosted by: ThyssenKrupp Uhde Energy & Power

www.floating-lng.co.uk

BOOK BY 31ST OCTOBER AND SAVE £300 / BOOK BY 29TH NOVEMBER AND SAVE £100
Register online or fax your registration to +44 (0) 870 9090 712 or call +44 (0) 870 9090 711

Image courtesy of Hoegh FLNG
Day One | Monday 17th February 2014

8.30 Registration & Coffee
9.00 Chairman’s Opening Remarks
Leigh Bolton, Director, Owner, Holmwood Consulting

Project Updates
9.10 Pioneering technology for floating LNG industry
- Masela project background history
- Latest updates
- Overcome challenging situation
- Supporting Masela Abadi FLNG project development
Dinar Indriana, Senior project communication coordinator, Abadi FLNG Project, INPEX

9.50 Examining the US Market, what is the Potential for FLNG and How will it Grow?
- Updates on the current market and major new projects
- Why the move to FLNG facilities?
- Updates on the world’s largest FLNG project
- Expected future developments in FLNG
Constantyn Gieskes, Project Manager, Braemar Engineering

10.30 Morning Coffee

11.00 The FLNG Project at Main Pass Energy Hub
- Overview
- Modularization – FLNG and platforms working together
- Gas supply – deeper dive into the complexity of the liquid US gas market
- Political and regulatory discussion – the advantages of being offshore
  - Permitting through MarAd vs FERC
- Commercial advantages of FLNG projects and review of commercial status of MPEH
- Questions
Christopher Caudill, Director, United LNG

Construction & Technology
11.40 The Role of Shipping in FLNG
- LNG shipping market
- Trading vessels from FLNG units
- Shipyard capacity
James Palairet, LNG Shipping Advisor, Platou LNG

12.20 Networking Lunch

1.50 Designing Large-Scale FLNG Topsides
- Liquefaction systems comparison for large-scale application
- Challenges of modules and lay-out design, between safety and constructability
- Case-study for 6 MTPA production FLNG topside
Jean Claude, Vice President Engineering Floaters Business Line, Saipem

2.30 LNG Offloading: The Evolution Towards Tandem Offloading
- Key challenges facing offloading LNG
- Side by side against tandem loading - What are the limitations?
- Saipem LNG Tandem offloading using Trelleborg floating hoses
Benjamin Mauries, Floaters Technologies Development Manager, Saipem

3.10 Afternoon Tea

3.40 Designing Safety into FLNG
- Overview of the hazards associated with LNG
- Identification of their impact on a FLNG vessel
- Examination on how these issues can be addressed
David Haynes, Principal Consultant (LNG), GL Noble Denton

4.20 Panel Discussion - Design and Construction Challenges involved in a cost effected industry
Christophe Caudill, Director, United LNG
Constantyn Gieskes, Project Manager, Braemar Engineering
Benjamin Mauries, Floaters Technologies Development Manager, Saipem
Alex Forbes, Director, Forbes Communications

5.00 Chairman’s Closing Remarks and Close of Day One

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Register online at: www.floating-lng.co.uk • Alternatively fax your
8.30 Registration & Coffee

9.00 Chairman’s Opening Remarks
Alex Forbes, Director, Forbes Communications

Business case for FLNG

9.10 What Role is FLNG Playing in the Global Gas Market?
• Gas & the global energy business – why FLNG?
• Industry drivers and trends
• Current state of play in the FLNG business
• Expectations of future expenditure and sector evolution
• Industry challenges
Graham Hartnell, LNG gas consultant, Poten & Partners

9.50 How to Develop Small Scale FLNG Projects
• Overview of Pangea LNG
• Current floating regasification solutions
• What is the current market status telling us
• Pangea LNG opportunities for early supply – Levant Basin
• Pangea LNG opportunities for early supply – US
Rene van Vliet, Chief Project and Technology Officer, Pangea LNG

10.30 Morning Coffee

11.00 Floating Regasification – Market Update and Future Trends
• Overview of floating regasification market
• Changing client requirements
• Recent project developments
• The future of floating regasification
Stephen O’Reilly, Business Development Director, Excelerate Energy*

11.40 West African Gas Markets – Gas to Power
• Gasol strategy
• Supply of gas and liquefied natural gas
• Benin, Togo, Ghana and Ivory Coast gas demand
• Conclusion
Alan Buxton, Chief Operating Officer, Gasol

12.20 Networking Lunch

1.50 FLNG Economics and Risks – an Independent’s View
• Describe the various cost metrics typically seen and the relevance of these in making the economic case for FLNG
• Outline the full cost picture with FLNG development
• What are the risks in FLNG EPCIC and Lease and financeable risk distribution
Thomas Fiskaa, Vice President, Business Development, Hoegh FLNG

2.30 Identifying risks in FLNG Projects
• An overview of the key issues facing the FLNG industry today
• Floating LNG developments and broader issues for the LNG shipping industry
• Floating Storage and Regasification Units - top tips for structuring and negotiating a successful FSRU transaction
Richard Tylor, Partner, Hogan Lovells

3.10 Afternoon Tea

3.40 FLNG and FSRU Project Development – Offshore and Onshore Liquefaction and Regasification Projects – Key Commercial and Legal Differences
• Analysis of typical project structures
• Typical risk allocation for offshore and onshore LNG projects
• Offshore and onshore liability, indemnity and insurance regimes
• Other key commercial and legal differences between offshore and onshore LNG liquefaction and regasification projects
Nick Prowse, Partner, Head of Global Oil and Gas, Norton Rose Fulbright

4.20 Financing FLNG Projects
• View on floating LNG – advantages vs disadvantages in comparison to onshore terminal and consequent impact on bankability
• From a financing and bankability perspective - key risks associated with floating LNG terminals and appropriate mitigants
• Different structures for a bankable floating LNG projects
• Financing for floating LNG projects
Ravi Suri, Head of Europe Middle East and Africa, Standard Chartered Bank

5.00 Chairman’s Closing Remarks and Close of Day Two

* subject to confirmation

Want to know how you can get involved? Interested in promoting your services to this market?
Contact Vinh Trinh, SMi Marketing on +44 (0) 207 827 6140, or email vtrinh@smi-online.co.uk

Your registration to +44 (0)870 9090 712 or call +44 (0)870 9090 711
HALF-DAY POST-CONFERENCE WORKSHOP
Wednesday 19th February 2014
8.30am - 12.30 pm
Marriott Regents Park, London, UK

Legal and commercial issues affecting the FLNG industry

Overview:
The workshop will have an interactive format. We will cover a number of fundamental issues currently facing the FLNG industry including the lessons that can be applied from onshore project development to FLNG project development, relevant shipping issues (including an understanding of the liability regime and quiet enjoyment protection afforded to field operators) and how best to structure your FLNG transaction.

Why you should attend:
• Understand the critical issues facing the FLNG industry today
• Gain insights into these critical issues and work through practical solutions

Agenda:
8.30  Registration and coffee
9.00  Opening remarks
9.10  An overview of the key issues facing the FLNG industry today
10.30 Coffee break
11.00 Floating LNG developments and broader issues for the LNG shipping industry
11.40 FSRUs, a case study
12.20 Closing remarks
12.30 End of workshop

About your workshop leaders
Nick Prowse
Nick Prowse is the head of Norton Rose Fulbright’s Global Oil & Gas practice. He acts for international and national oil companies, other major corporations, Governments and lenders. He joined Norton Rose Fulbright over twenty years ago and has been involved in all aspects of the global oil and gas industry. He has advised on oil and gas developments, pipeline projects, LNG (liquefaction and regasification) projects and petrochemical projects, as well as power plants and mergers & acquisitions in relation to all aspects of the energy industry. His work spans Europe, Africa, the Middle East and North and South America.

Richard Howley
Richard Howley specialises in international ship finance. He has a broad range of experience in bilateral and syndicated debt facilities and structured financings, including project and lease financing, and negotiating shipbuilding and other transport contracts. Richard has been involved with the financing of second-hand and new-building vessels, acting for ship-owners, banks and lessors worldwide. This includes acting for the lead arrangers in a US$680 million refinancing of 13 LNG carriers, and acting for ship-owners in a series of LNG new building charter tenders and related financings. Richard joined the London practice in 1992, qualified in 1994 and became a partner in 2004.

About Norton Rose Fulbright
Norton Rose Fulbright is a global legal practice. We provide the world’s pre-eminent corporations and financial institutions with a full business law service. We have more than 3800 lawyers based in over 50 cities across Europe, the United States, Canada, Latin America, Asia, Australia, Africa, the Middle East and Central Asia.

Recognised for our industry focus, we are strong across all the key industry sectors: financial institutions; energy; infrastructure, mining and commodities; transport; technology and innovation; and life sciences and healthcare.
Overview:
The FSRU (floating storage and regasification units) market has gone from zero in 2004 to 20 projects in just 8 years. This is an amazing achievement by any measure – particularly in the LNG industry which is very conservative. The next generation of FSRUs will be larger and more efficient. This coupled with their lower cost and shorter schedule could really threaten the traditional onshore terminal market and possibly become the terminal of choice.

Agenda:
12.30 Registration
13.00 Opening remarks
13.10 The current and planned FSRU projects descriptions, arrangements etc
13.40 The next generation of FSRUs – larger, more efficient, new export arrangements etc.
14.10 CAPEX and comparison with onshore - OPEX and comparison with onshore
14.30 Morning Coffee
15.00 Commercial considerations e.g. leasing vs. purchase
15.30 The advantages and disadvantages and the decision drivers – case studies
16.00 Hybrid configurations e.g. FSU with jetty based or shore based regasification
16.30 Conclusions and way forward
17.00 Masterclass ends

About your workshop leader
Brian has an honours degree in chemical engineering from Imperial College, London and is a Fellow of the Institution of Chemical Engineers. He has had 45 years’ experience in the oil and gas industry working for engineering contractors, energy companies and specialist consultants.

He has held senior positions in engineering, projects and sales. He has led engineering and process design teams for offshore, subsea, gas processing, LNG, refinery and petrochemical facilities for various locations world-wide.

He is currently Director of LNG within ThyssenKrupp Uhde Energy & Power, based in London and oversees a variety of LNG projects for both onshore and offshore applications. The offshore applications include floating LNG liquefaction units (F-LNG) and floating storage and regasification units (FSRU). He was previously Engineering Manager with MW Kellogg one of the world’s leading contractors within the LNG industry and Facilities Manager with J Ray McDermott one of the world’s leading offshore contractors.

Brian is chairman of the Institution of Chemical Engineers Subject Oil & Natural Gas group which provides technical networking between its members to deliver best practices within the chemical engineering community.

About ThyssenKrupp Uhde Energy & Power
ThyssenKrupp Uhde Energy & Power is a Professional Engineering Consultancy, formed in 2000. We add value to our clients operations through a responsive, flexible and impartial service tailored to their specific requirements.

We work with blue-chip, international clients as well as smaller independent oil companies, delivering an integrated service for project evaluation and management, engineering and technical development, and final commissioning. We have undertaken 50 LNG projects in the past 10 years half of which were F-LNG.
**DELEGATE DETAILS**

Please complete fully and clearly in capital letters. Please photocopy for additional delegates.

**Title:**

**Surname:**

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**ACCOUNTS DEPT**

I agree to be bound by SMi’s Terms and Conditions of Booking.

**VENUE**

Marriott Regents Park Hotel, 128 King Henry’s Road, London, NW3 3ST

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  - Lloyds TSB Bank plc, 39 Pricewaterhouse Street, London, EC2R 8AU
  - Swift (BIC): LOYDGB21013, Account 00936418
  - IBAN GB48 LOYD 3000 0970 9348 18
- **Cheque**
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- **Credit Card**
  - Visa, MasterCard, American Express
  - All credit card payments will be subject to standard credit card charges.

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