

EVENT BROCHURE

**GAS** 2019

**GAS ASIA SUMMIT**  
**CONFERENCE & EXHIBITION**

30-31 October 2019  
Marina Bay Sands, Singapore

YOUR GATEWAY TO  
**ASIA'S NATURAL GAS, LNG  
& ENERGY OPPORTUNITIES**

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[www.GasAsiaSummit.com](http://www.GasAsiaSummit.com)

# WELCOME TO GAS ASIA SUMMIT

Gas Asia Summit Conference & Exhibition (GAS) plays an important role in the development of the Asian energy landscape.

Against the dynamic developments with the Natural Gas, LNG and Energy industry as a backdrop, Gas Asia Summit is the C-level strategic conference that brings Asia's key buyers, global suppliers and portfolio players together. GAS allows key market players to discuss market outlook, new trends, network and forge partnerships.

Join us at GAS 2019 and enable your company to drive commercial developments and connect with key decision makers driving Asia's gas, LNG & energy growth.

Gas Asia Summit 2019 is part of

# SiEW

SINGAPORE INTERNATIONAL ENERGY WEEK



**Your annual opportunity to  
develop business and network  
with attending representatives of  
leading energy buyers across Asia.**



adani



OSAKA GAS



# A HIGHLY ANTICIPATED CONGREGATION OF ASEAN'S SENIOR POLICY MAKERS AND UTILITY BUYERS

HAPUA Council meeting will co-locate at SIEW 2019 and HAPUA heads are invited as VIPs to participate in GAS Asia Summit.



From left to right:  
 Martin Houston, Vice Chairman, Tellurian  
 H.E. Lynn McDonald, High Commissioner of Canada to Singapore  
 Ng How Yue, Chairman, Energy Market Authority  
 H.E. Dr Arcandra Tahar, Vice Minister of Energy and Mineral Resources, Indonesia  
 Philip Olivier, Head of Global LNG, Total  
 Soh Sai Bor, Assistant Chief Executive, Energy Market Authority  
 Christopher Hudson, President, dmg events  
 Ron Hoffmann, Alberta Senior Representative for the Asia Pacific Region,  
 The Government of Alberta

## MINISTERS AND LEADERS WHO HAVE SPOKEN AT PREVIOUS GAS EDITIONS:



**S. Iswaran**  
 Minister for Trade &  
 Industry  
 Singapore



**Dr. Goh Poh Koon**  
 Minister of Trade  
 and Industry  
 Singapore



**Dr. Arcandra Tahar**  
 Vice Minister of Energy &  
 Mineral Resources  
 Indonesia



**Hon. Bill Johnston MLA**  
 Minister for Mines and Petroleum;  
 Commerce and Industrial Relations;  
 Electoral Affairs; Asian Engagement  
 Government of Western Australia



**H.E. Dr Rashid Al Leem**  
 Chairman  
 Sharjah Electricity &  
 Water Authority  
 UAE

# GAS ASIA SUMMIT GATHERS THE MOST INFLUENTIAL INDUSTRY LEADERS FROM KEY GLOBAL ORGANISATIONS

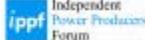
## POLICY MAKERS

 ENERGY MARKET AUTHORITY Smart Energy, Sustainable Future	 MPA SINGAPORE	 Enterprise Singapore	 SG SINGAPORE Passion Made Possible	 SINGAPORE EXHIBITION & CONVENTION BUREAU					 METI Ministry of Economy, Trade and Industry	
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## KEY INDUSTRY LEADERS

## INTERNATIONAL ORGANISATIONS AND THINKTANKS

 International Energy Agency		 ASCOPE Asian Petroleum & Gas Association	 Independent Power Producers Forum	 INTERNATIONAL ENERGY FORUM	 THE SAKAGAMI PEACE FOUNDATION		 ENERGY STUDIES INSTITUTE National University of Singapore	
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# MEET OUR SPEAKERS



**Joseph F. Uddo III**  
Deputy Assistant Secretary  
Secretary  
Office of Market Development and Energy Innovation  
Office of International Affairs  
**U.S. Department of Energy**



**Laurent Vivier**  
President, Gas  
**Total**



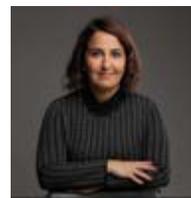
**Keith Martin**  
Chief Commercial Officer  
**Uniper**



**Yasuo Ryoki**  
Chairman  
**Osaka Gas Australia**



**Hiroki Sato**  
Senior Operating Officer  
Business Development  
**JERA**



**Sarah Behbenhani**  
Senior Vice President  
**JERA Global Markets Pte. Ltd.**



**Jane Liao**  
CEO Natural Gas Business Division  
**CPC**



**Changkeun Lee**  
Vice President  
**KOGAS**



**Saunak Rai**  
General Manager  
**FuelNG**



**Sarthak Behuria**  
Executive Director, LNG and LPG Division  
**Adani Group**



**Rajeev Mathur**  
Executive Director  
**GAIL (India) Ltd.**  
(in principle)



**Ginanjar**  
President Director  
**Pertamina Power Indonesia**



**Martin Houston**  
Vice Chairman  
**Tellurian Inc.**



**Ezhar Yazid Jaafer**  
CEO  
**PETRONAS LNG**



**John Quirke**  
Chief Technology Officer  
**Meralco PowerGen Corporation**  
(in principle)



**Ratnesh Bedi**  
President  
**Pacific Oil & Gas**



**Christophe Malet**  
Senior Vice President  
Upstream and Midstream LNG  
**Hanas Group**



**Alok Sinha**  
Global Head, Oil & Gas and Chemicals, Global Industries Group  
**Standard Chartered**



**Sandeep Mahawar**  
Head of Commercial  
**Singapore LNG Corporation**



**John Mathai**  
Business Strategy for Oil, Energy Markets in Asia  
**Refinitiv**



**Dr Zheng Hongtao**  
President, Energy Trading & Marketing  
**ENN Group**



**Captain Walter Purio**  
CEO  
**LNG Marine Fuel Institute**



**Dr Ashok Kumar Balyan**  
Immediate Past CEO (Oil & Gas)  
**Reliance Industries Limited**



**Roger Chen**  
VP, Global Sales and Marketing  
**JLC Network Technology**



**Muhammed Aziz Khan**  
Chairman  
**Summit Group**



**Greg Vesey**  
CEO & Managing Director  
**LNG Limited**  
(in principle)



**Dr R K Malhotra**  
Director General  
Federation of  
**Indian Petroleum Industry**

# CONFERENCE PROGRAMME

## Hear from the most senior line-up of energy leaders across Asia.

The conference offers the most premier platform where industry professionals and influential energy leaders from the sector convene and engage in strategic discussions to shape the natural gas and LNG industry.

Since its inception in 2013, the Gas Asia Summit has consistently delivered high quality content, a vibrant exhibition marketplace and conducive networking experiences for trade visitors and delegates from the energy community.

Visit <https://www.gasasiasummit.com> confreg and attend Gas Asia Summit 2019 as a conference delegate.

## OPENING FORUM

WEDNESDAY | 30TH OCTOBER 2019

09.30	<b>Arrival of Guest of Honour</b>
09.30 - 09.35	<b>Welcome and Opening by Organiser</b>
09.35 - 09.45	<b>Official Opening Address</b> Senior Singapore Government Representative
09.45 - 10.00	<b>Opening Keynote Address</b> The Role of Gas in Accelerating Asia's Energy Transformation
10.00 - 10.15	<b>Keynote Address</b> Commoditisation of LNG - A New Era of Supply  Martin Houston, Vice Chairman, Tellurian
10.15 - 10.45	<b>Global Leaders Panel</b> Global Gas Outlook and Future Scenarios - Asia in Focus  Ezhar Yazid Jaafar, CEO, Petronas LNG
10.45 - 10.50	<b>Launch of the Exhibition &amp; Group Photo</b>
10.50 - 11.30	<b>Morning Networking &amp; Coffee Break</b>

# CONFERENCE PROGRAMME

## LEADERSHIP PLENARY PROGRAMME

WEDNESDAY | 30TH OCTOBER 2019

GLOBAL LEADERS PANEL	
11.30 - 12.45	<p><b>Strategy towards 2040 by Asian Major Buyers</b> Big buyers (mainly traditional buyers) in Asia are challenged by new dynamics in international markets and domestic markets. Panellists will discuss their strategies and tactics towards 2040 as LNG buyers.</p> <p><b>Moderator:</b> Yasuo Ryoki, Chairman, Osaka Gas Australia</p> <p><b>Panellists:</b> Hiroshi Sato, Senior Operating Officer, Business Development, JERA Sarah Behbenhani, Senior Vice President, JERA Global Markets Dr Zheng Hongtao, President, Energy Trading &amp; Marketing, ENN Group Jane Liao, CEO, Natural Gas Business Division, CPC Changkeun Lee, Vice President, LNG Procurement, KOGAS</p>
PROJECT HIGHLIGHT	
12.45 - 13.00	<p><b>LNG Strategy in a Global Context</b> This session will present a case study of an LNG export project, and show-case its commercial advantages, technical innovations and LNG strategies.</p> <p>LNG Limited (Representative TBC)</p>
13.00 - 14.15	<b>Lunch &amp; Networking</b>
GLOBAL LEADERS PANEL	
14.15 - 15.15	<p><b>Suppliers Perspective: Delivering Value for Customers and Meeting New Demand Growth in Asia</b></p> <ul style="list-style-type: none"> <li>Examine new demand growth centres</li> <li>Strategies for suppliers to unlock new markets while managing risks</li> <li>New LNG export projects: how will they evolve? More long-term contracts expected?</li> <li>Global geopolitics, trade tensions and impact on energy security</li> </ul> <p><b>Special Address</b> Joseph Uddo, Deputy Assistant Secretary, Office of Market Development and Energy Innovation, Office of International Affairs, U.S. Department of Energy</p> <p><b>Panellists</b> Greg Vesey, CEO &amp; Managing Director, LNG Limited</p>

DEMAND CENTRE SPOTLIGHT - INDONESIA	
15.15 - 15.40	<p><b>Indonesia: Investing in Gas and Energy Transformation</b></p> <ul style="list-style-type: none"> <li>Java 1: Asia's first integrated project and applications for Southeast Asia</li> <li>Natural gas infrastructure integration developments</li> <li>Gas/LNG demand growth outlook</li> <li>FSRUs and small-scale LNGs</li> </ul> <p><b>Special presentation:</b> Ginanjari Sofyan, President Director &amp; CEO, Pertamina Power Indonesia</p>
15.40 - 16.15	<b>Networking &amp; Coffee Break</b>
16.15 - 16.55	<p><b>Financing Gas/LNG Infrastructure in Emerging Asia to unlock demand growth</b></p> <ul style="list-style-type: none"> <li>Gas in the energy mix, in relation to coal, renewables and oil</li> <li>New LNG import projects in the region: Philippines, Thailand, Vietnam, Bangladesh</li> <li>Market liberalisation and policy updates</li> <li>Potential for FSRUs and small-scale LNG projects</li> </ul> <p><b>Speakers:</b> Christophe Malet, Senior Vice President - Upstream LNG, Hanas Muhammad Aziz Khan, Chairman, Summit Group</p>
16.55 - 17.00	<b>Chairman's closing remarks</b>
17.30 - 20.00	<b>SIEW Networking Reception</b>

# CONFERENCE PROGRAMME

## LEADERSHIP PLENARY PROGRAMME

THURSDAY | 31ST OCTOBER 2019

08.50 – 09.00	<b>Chairman's Opening Remarks</b>
09.00 – 09.10	<b>Keynote address</b>
<b>DEMAND CENTRE SPOTLIGHT – INDIA</b>	
09.10 – 09.50	<p><b>India: Shaping the Global Demand Dynamics</b></p> <ul style="list-style-type: none"> <li>Investment opportunities to unlock India's oil and gas resources</li> <li>The energy mix evolution and the role of gas</li> <li>Demand growth in the short to medium term and break-down of sectors</li> <li>Gas import projects and new demands driven by new applications in mobility, marine and industry usage</li> <li>LNG trucking: infrastructure developments and demand creation</li> </ul> <p><b>Special addresses:</b> Dr. R. K. Malhotra, Director General, Federation of Indian Petroleum Industry</p> <p><b>Speakers:</b> Ashok Balyan, Immediate Past CEO – Oil &amp; Gas, Reliance Rajeev Mathur, Executive Director, GAIL (India) LNG Ltd (in principle) Sarthak Behuria, Executive Director, LNG and LPG Division, Adani Group</p>
09.50 – 10.30	<p><b>2019 a Major Year of FIDs? The Evolving Supply Challenge and LNG Business Models</b></p> <ul style="list-style-type: none"> <li>Which LNG export projects have been sanctioned in 2019, and expected FIDs for 2020?</li> <li>How will the competition play out, and challenges for project financing?</li> <li>Manage the wave of new supply coming into market, how will it be absorbed, and US LNG's impact on Asia?</li> <li>How LNG marketing will evolve to align with customers' strategies?</li> </ul> <p><b>Moderator:</b> Nicholas Browne, Director Asia Gas &amp; LNG, Wood Mackenzie</p>
10.30 – 11.00	<b>Networking &amp; Coffee Break</b>
<b>DEMAND CENTRE SPOTLIGHTS – THAILAND, SINGAPORE, PHILIPPINES</b>	
11.00 – 11.40	<p><b>Thailand: Big Ambitions on Gas</b></p> <ul style="list-style-type: none"> <li>Gas as a major component of energy mix that impacts energy security</li> <li>Liberalisation of LNG imports</li> <li>Investment in upstream projects in Thailand and globally, and LNG infrastructure</li> <li>Updates on Power Development Plan</li> <li>Evolving business model – introduction of LNG trading</li> </ul> <p><b>Speakers:</b> Senior LNG Procurement Representative, EGAT</p>

PROJECT HIGHLIGHT	
11.40 – 11.55	<p><b>Developing LNG import infrastructure</b></p> <p>This presentation will highlight a case study on LNG import infrastructure development, from project definition, approach, to implementation. Challenges, project outcomes and learning lessons will be presented.</p>
11.55 – 12.40	<p><b>The Philippines: Securing Gas &amp; LNG to Power the Economic Growth</b></p> <ul style="list-style-type: none"> <li>Philippines LNG import terminal project – a spotlight project to reference</li> <li>Vision for an LNG hub</li> <li>The role of gas in meeting the power demand of growing economy and energy security via diversification</li> <li>Infrastructure developments</li> </ul> <p><b>Panellist:</b> John Quirke, Chief Technology Officer, Meralco PowerGen Corporation (in principle)</p>
12.40 – 14.00	<b>Lunch &amp; Networking</b>
14.00 – 14.40	<p><b>Singapore: Building towards LNG Trading and Bunkering Hub, What Next?</b></p> <ul style="list-style-type: none"> <li>Can Singapore be a physical hub to deliver LNG for Southeast Asia?</li> <li>Updates on pipeline gas and LNG import</li> <li>Singapore's stocktake on LNG bunkering: policy updates, financial incentives, and industry adoption</li> <li>Is LNG bunker a sustainable new demand growth stream? Projections to 2025</li> <li>Small-scale LNG applications and trucking</li> </ul> <p><b>Panellists:</b> Sandeep Mahawar, VP Commercial, Singapore LNG Corporation (SLNG) Saunak Rai, General Manager, FueLNG</p>
14.40 – 15.20	<p><b>Demand Creation: How Much will be Created from LNG as Marine Fuel, Industry Feedstock and Auto Fuel?</b></p> <ul style="list-style-type: none"> <li>How will Asia move towards LNG bunkering and establishing LNG bunkering standards?</li> <li>Gas as a feedstock: gas to liquids and other applications</li> <li>Use of natural gas for transportation and city gas sectors</li> </ul> <p><b>Panellist:</b> Captain Walter Purio, CEO, LNG Marine Fuel Institute</p>
15.20 – 15.50	<b>Networking &amp; Coffee, end of Strategic Programme</b>

# CONFERENCE PROGRAMME

## LNG TRADERS FORUM

THURSDAY | 31ST OCTOBER 2019

### Overview

LNG's increasing commoditisation has been mirrored by increasingly transparent market-based pricing, soaring derivatives trade and new Asian hubs emerging. Innovations such as new trading platforms have emerged to facilitate transactions, offering transparency and price discovery for suppliers and buyers. Spot volumes sky-rocketed in 2018, strengthening the market's confidence in sustainable growth.

The LNG Traders Forum, part of the 7th annual Gas Asia Summit, is specially dedicated for traders to meet, network and debate the outlook and new developments in LNG trading.

15.50 - 16.40	<b>LNG Short-Mid Term Transacting and Evolving Role of Traders</b> <ul style="list-style-type: none"><li>• How are rising short-mid term transactions impact new suppliers?</li><li>• Portfolio players' role and its impact on Asian markets</li><li>• Are European and Asian markets converging on price in term and spot contracts?</li><li>• The evolving roles of commodity traders like Gunvor, Trafigura and Vitol redefining their roles in the LNG market</li></ul>
16.40 - 17.30	<b>Development towards an Asian LNG Trading Hub</b> <ul style="list-style-type: none"><li>• Pricing indexes: the front-runners, and development outlook</li><li>• The role of fast-growing derivatives trading</li><li>• What more can be done to improve LNG spot trading liquidity and transparency?</li><li>• The role of LNG exchanges and brokers in facilitating LNG's commoditization</li><li>• Technology: what role will AI or blockchain play?</li></ul>
17.30 - 20.00	<b>SIEW Networking Reception &amp; Drinks</b>

# BE A SPONSOR

Elevate your branding and make an impression on your target audience at Asia's Premier Natural Gas, LNG & Energy event.



**Engage with over 1500 conference delegates & trade visitors present at GAS & SIEW 2019**



**Disrupt the gas, LNG & energy market with new technology and innovation**



**Enable your company's leadership team to be positioned at the forefront of Asia's energy transformation**



**Meet face-to-face with potential business partners and industry colleagues**

Item Description	PLATINUM	GOLD	SILVER	BRONZE
	US\$75,000	US\$60,000	US\$35,000	US\$20,000
12 sqm. exhibition stand (space only)	✓			
9 sqm. exhibition stand (space only)		✓	✓	
1x Keynote speaking opportunity	✓			
1x panel speaking opportunity		✓	✓	
Complimentary delegate passes	5X	3X	2X	
Advert in the event catalogue & the conference guide	FULL	HALF	QUARTER	
Email campaign pre-event inviting visitors to your stand	✓			
Delegate bag insert	✓	✓	✓	
Visitor bag insert (if the bag is sponsored)	✓			
Sponsor profile & logo to be placed on the event website	✓	✓	✓	✓
Onsite signage will include the sponsor logo	✓	✓	✓	✓
Sponsor logo to be strategically placed on: <ul style="list-style-type: none"> <li>• Event catalogue</li> <li>• Conference programme</li> <li>• Conference stage backdrop</li> <li>• Post-event report &amp; email campaign</li> </ul>	✓	✓	✓	✓
1x main sponsorship opportunity listed below: <ul style="list-style-type: none"> <li>• Registration desk branding</li> <li>• Conference delegate bags</li> <li>• Conference and exhibition lanyards</li> <li>• Delegate lunch on Day 1</li> <li>• Exhibition visitor bags</li> </ul>	✓			
1x main sponsorship opportunity listed below: <ul style="list-style-type: none"> <li>• Conference pen &amp; notepads</li> <li>• Conference coffee break on Day 1</li> <li>• Delegate lunch on Day 2</li> <li>• Mobile charging station</li> <li>• VIP networking coffee</li> </ul>		✓		
1x main sponsorship opportunity listed below: <ul style="list-style-type: none"> <li>• Conference and exhibition programme</li> <li>• Conference coffee break on Day 2</li> <li>• Wifi</li> <li>• Technical site visit</li> <li>• Power banks</li> <li>• Delegate folder</li> </ul>			✓	
1x main sponsorship opportunity listed below: <ul style="list-style-type: none"> <li>• Water bottles</li> <li>• Branded mint/water bottles</li> <li>• Workshop</li> </ul>				✓

# BE AN EXHIBITOR



## 1 SHOWCASE YOUR PRODUCTS, SERVICES & SOLUTIONS

Exhibiting at Gas Asia Summit, allows exhibitors the opportunity to showcase their products, services and technology to key industry buyers.



## 2 GROW YOUR BUSINESS NETWORK

The event attracts professionals with strong buying power and presents exhibitors with the opportunity to meet with existing connections and make new ones.



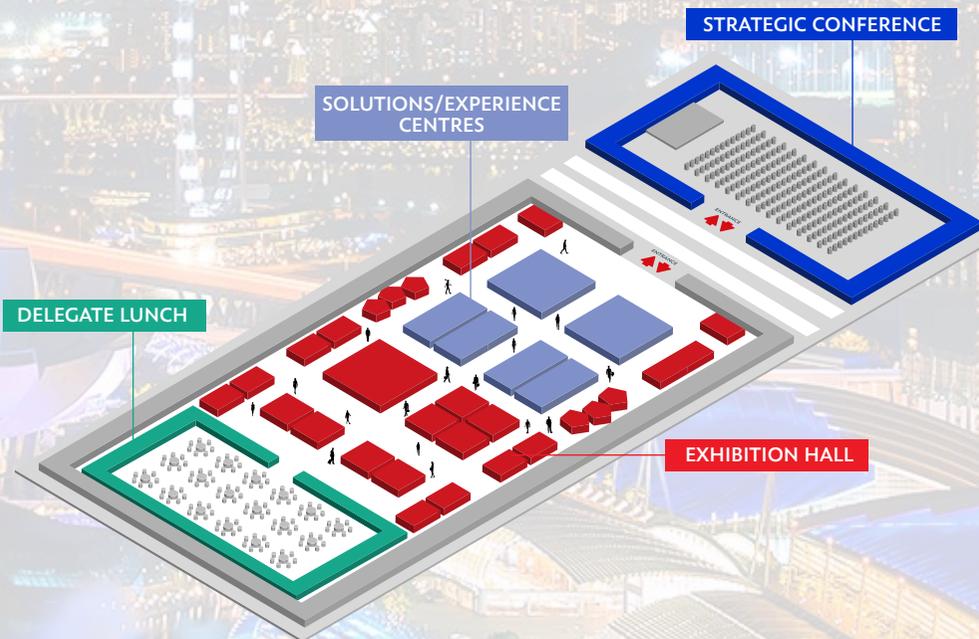
## 3 REACH YOUR TARGET AUDIENCE

Exhibiting at the event delivers real business opportunities. A large percentage of participants are decision makers, purchasers or influencers.



## 4 GAIN ENTRY INTO NEW MARKETS

Gain direct access to the primary stakeholders involved in detailing the regions upcoming project plans, budget allocations, timelines, technical challenges.



## THE REGION'S MEETING POINT FOR



INDUSTRY LEADERS TO DEVELOP NEW BUSINESSES AND SHARE INSIGHTS WITHIN THE NATURAL GAS AND LNG COMMUNITY



LEADING TRADE, TECHNOLOGY & SERVICES TO SHOWCASE INNOVATION

POLICY MAKERS TO SHARE FRAMEWORKS, TUNE INTO MARKET DYNAMICS AND DISCUSS COLLABORATIONS



## DELEGATE PROFILE

Profiles of the delegate across both the technical and strategic conferences

### JOB TITLES INCLUDE:

#### Strategic Audience

- Business Development Managers
- Sales & Marketing Managers
- Country Managers
- Traders
- Financiers & Lawyers
- Purchasing Managers
- Purchasing Directors

#### Senior & C-Level Management

- Ministers
- Policy Makers
- Coos
- Vice Presidents
- Chairmen
- Presidents
- CEOs
- Head of Departments & Directors
- General Managers

#### Technical Audience

- Technical Directors
- Engineers
- Technical Managers
- Project Managers
- Technicians
- R&D
- Operations Managers

## DELEGATE PROFILE BY INDUSTRY SECTOR



Hydrocarbon Processing and Technology



Exploration and Production



Contracting, Commerical, Investment & Trading



Engineering Procurement Construction & Management



Transmission and Distribution & Power Generation



Marine Shipping & Storage

# GAS 2019

## GAS ASIA SUMMIT CONFERENCE & EXHIBITION

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Marina Bay Sands, Singapore

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## CONTACT US TO DISCUSS YOUR PARTICIPATION

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