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WISDOM

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5th annual
LNG SUMMIT

Virtual

29 - 30 September 2021

POST SHOW REPORT



PRODUCER'S NOTE

The 5th Annual LNG Summit, held virtually on 29 and 30 September 2021, was the continuation of Wisdom's very successful LNG series and focused on the growing LNG market and the fuel's promising potential in the energy sector. The event was divided into three key themes - 1) The regulatory framework, 2) Automation, AI and blockchain in LNG, and 3) Decarbonisation and CHGs emissions. The two-day summit welcomed 22 speakers from leading organisations to share their experiences and discuss key strategies and smart solutions to leverage this cleanest fossil fuel.

The global LNG market has progressively transformed in the past few decades—quadrupling in size, doubling its share of global natural gas trade, and emerging as one of the fastest-growing segments in the energy industry. According to various industry reports, the US is becoming a global leader, especially considering the latest developments and the ones coming up between 2019 and 2023. The summit focused on these very aspects and stirred up vital discussions on how the companies can capitalise on the emerging prospects.

The Day 1 of the event featured 10 speakers and explored important topics revolving around the LNG arena like EPC contracts, latest trends shaping the LNG market, the significance of a flag state, supply chain and logistics, and investment on future LNG Infrastructure. We also discussed how emerging technologies like AI and blockchain are impacting the LNG value chain. On Day 2, featuring 12 speakers, we looked into the trends in operational technology, global gas market perspective, the role of LNG in decarbonising the energy sector, small scale LNG, LNG's carbon footprint and incompatibility for net-zero future, and more. Interactive panel discussions, exclusive CEO roundtables, CxO fireside chats, and informative presentations with renowned professionals from across the USA helped in gaining a deeper understanding of the market dynamics and discovering potential solutions to the major and persistent challenges in the energy sector.

The summit hosted professionals from diverse business verticals including sales, innovation, implementation, origination, infrastructure, asset management, operations, engineering, construction, technology, digitalisation, EMEA strategy, shipping, onshore, offshore, ssLNG, business development, bunkering, procurement, environment, finance, standardisation, and more.

The Wisdom team extends its warmest gratitude to all the advisory members, speakers, panelists, delegates, sponsors, exhibitors, and media partners for their earnest efforts and enthusiastic contribution and support that made this event a roaring success.

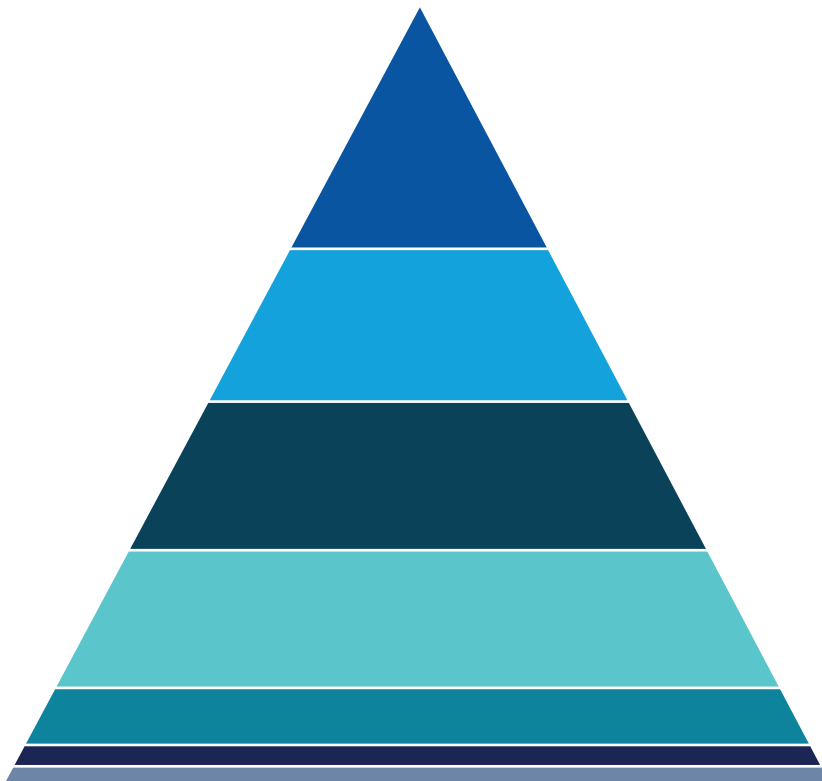
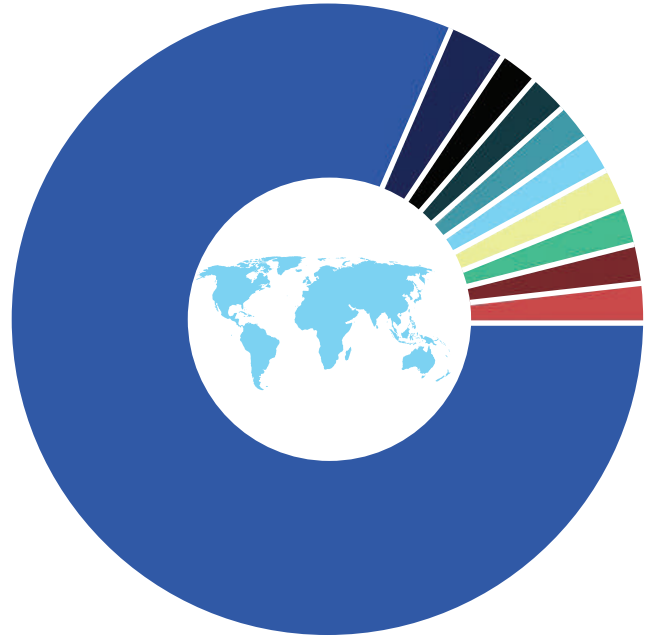
The 6th edition of our Annual LNG Summit will be held on 9 and 10 March 2022, in Houston, Texas and we are looking forward to having you with us for some more inspiring industry discussions and valuable business networking. Till then, stay safe and stay tuned.

Best Wishes,
Priya Zizu
Conference Producer

ATTENDEE BREAKDOWN

By Countries (Region)

● USA	83%
● Italy	3%
● Australia	2%
● India	2%
● Isreal	2%
● Japan	2%
● Mexico	2%
● Osaka - Japan	2%
● Philippines	2%
● UAE	2%



By Job Positions

SVP, VP, General Manager, Director, Port Director	27%
Manager - Innovation / Digitisation / IT / Projects / Research	23%
Director, Sr Manager (sales) Business Development	20%
CEO, CTO, CIO, Founder, Owner	18%
Others	8%
Oil and Gas Team Leader	2%
Chair to NAESB and Advisory to NARUC Gas Policy Specialist	2%

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Job Title	Company	Country
Manager - Innovation / Digitisation / IT / Projects / Research	Cameron LNG	USA
Manager - Innovation / Digitisation / IT / Projects / Research	EIC	USA
SVP, VP, General Manager, Director, Port Director	Massachusetts Department of Public Utilities	USA
Chair to NAESB and Advisory to NARUC	Massachusetts Department of Public Utilities	USA
Gas Policy Specialist		
Director, Sr Manager (sales) Business Development	Matrix PDM Engineering	USA
Manager - Innovation / Digitisation / IT / Projects / Research	Gas Innovations LNG Refrigerants	USA
CEO, CTO, CIO. Founder, Owner	Puget LNG	USA
CEO, CTO, CIO. Founder, Owner	Balam Energy	Mexico
CEO, CTO, CIO. Founder, Owner	Harvey Gulf International Marine	USA
SVP, VP, General Manager, Director, Port Director	Osaka Gas	Osaka - Japan
SVP, VP, General Manager, Director, Port Director	Elliott Group	USA
Manager - Innovation / Digitisation / IT / Projects / Research	Weeks Marine	USA
Director, Sr Manager (sales) Business Development	Cameron Parish Port, Harbor & Terminal District	USA
SVP, VP, General Manager, Director, Port Director	Cameron Parish Port, Harbor & Terminal District	USA
SVP, VP, General Manager, Director, Port Director	Liberian Registry	USA
SVP, VP, General Manager, Director, Port Director	Waterfall Security Solutions Ltd.	Israel
Manager - Innovation / Digitisation / IT / Projects / Research	NY PSC	USA
Manager - Innovation / Digitisation / IT / Projects / Research	Bureau of Economic Geology, Jackson School of Geosciences, University of Texas at Austin	USA
SVP, VP, General Manager, Director, Port Director	Small-LNG.com	USA
SVP, VP, General Manager, Director, Port Director	Quietflex Manufacturing Co L.P.	USA
Director, Sr Manager (sales) Business Development	Blockchain for Energy	USA
CEO, CTO, CIO. Founder, Owner	HYTORC	USA
Director, Sr Manager (sales) Business Development	OBG	USA
Director, Sr Manager (sales) Business Development	Pilot LNG, LLC	USA
CEO, CTO, CIO. Founder, Owner	JP Morgan	USA
Manager - Innovation / Digitisation / IT / Projects / Research	Daniel Aharoni & Partners	USA
SVP, VP, General Manager, Director, Port Director	LNG Central	USA
CEO, CTO, CIO. Founder, Owner	MDxBLOCKS	USA
CEO, CTO, CIO. Founder, Owner	Texas LNG	UAE
CEO, CTO, CIO. Founder, Owner	Gas Vista LLC	USA
CEO, CTO, CIO. Founder, Owner	Alder Midstream	USA
Manager - Innovation / Digitisation / IT / Projects / Research	MdxBlocks	USA
SVP, VP, General Manager, Director, Port Director	MdxBlocks	USA
CEO, CTO, CIO. Founder, Owner	Virginia-Georgia Transformer	USA
Director, Sr Manager (sales) Business Development	Crowley	USA
SVP, VP, General Manager, Director, Port Director	Waterfall Security Solutions Ltd.	USA
SVP, VP, General Manager, Director, Port Director	Japan Petroleum Exploration Co., Ltd.	Japan
Manager - Innovation / Digitisation / IT / Projects / Research	McDermott International Inc	USA
SVP, VP, General Manager, Director, Port Director	Evonik Industries	USA
Director, Sr Manager (sales) Business Development	Trelleborg Marine Systems North America, Inc.	USA
Director, Sr Manager (sales) Business Development	Texas LNG	USA
SVP, VP, General Manager, Director, Port Director	MdxBlocks	USA
CEO, CTO, CIO. Founder, Owner	Clean Energy Fuels	USA
SVP, VP, General Manager, Director, Port Director	Jacksonville Port Authority (JAXPORT)	USA
SVP, VP, General Manager, Director, Port Director	Begesin Petroleum Limited	Australia
Manager - Innovation / Digitisation / IT / Projects / Research	Weeks Marine	USA
Director, Sr Manager (sales) Business Development	Freeport LNG	USA
SVP, VP, General Manager, Director, Port Director	MDxBLOCKS	USA
Oil and Gas Team Leader	Evonik Industries	USA
Manager - Innovation / Digitisation / IT / Projects / Research	Watergas	Italy
Manager - Innovation / Digitisation / IT / Projects / Research	Cryocan	Italy
Director, Sr Manager (sales) Business Development	MdxBlocks	India
Director, Sr Manager (sales) Business Development	Crowley	USA
Director, Sr Manager (sales) Business Development	Alder Midstream	USA
Director, Sr Manager (sales) Business Development	Clean Energy Fuels	USA
Manager - Innovation / Digitisation / IT / Projects / Research	ExxonMobil	USA

AGENDA

DAY 1 | Wednesday 29 September 2021

Central Daylight Time (CDT)

08:45 WISDOM's Opening Remarks

THEME 1: REGULATORY FRAMEWORK

09:00 Anticipating market trends and changes that shape the LNG market

Speaker:



Dr. Ning Lin, Chief Economist, Bureau of Economic Geology, Jackson School of Geosciences, University of Texas at Austin

09:30 Understand the significance of a Flag state for LNG and alternative fuels, learn from the expert about the best practices around inspection, certification, issuance of safety and pollution prevention

Speaker:



Dallas Smith, Vice President of LNG & Offshore | General Manager of LISCR Houston Liberian Registry

10:00 How can EPC (Engineering, Procurement and Construction) contracts help in ease of business?

- How they impact the lives of people who live near mega projects?
- What are the trends around successful planning & execution?
- How can new entrants follow a successful risk mitigation?

Speaker:



Clair Hebert Marceaux, PCED, Port Director, Cameron Parish Port, Harbor & Terminal District

10:30 BREAK

11:00 VIDEO MESSAGE BY LANGTRY MEYER, CHIEF OPERATING OFFICER, TEXAS LNG



THEME 2 : SUPPLY CHAIN AND LOGISTICS - AUTOMATION, AI, TECHNOLOGY AND BLOCKCHAIN IN LNG

11:10 Fireside chat - Unlocking the supply chain for LNG:

- Can we plan building an integrated supply chain and logistics for for LNG?
- How can we captivate automation and technological advancements for operational

- excellence - will it enhance existing infrastructure for optimum efficiency?
- Why digitalizing your facility management is the need of the hour?
- How can we maximize gains by efficiently structuring operations and distribution using AI and automation?

Chair:



Dallas Smith, Vice President of LNG & Offshore | General Manager of LISCR Houston Liberian Registry

Speakers:



Chad J. Verret, Executive Vice President, Harvey Gulf International Marine
Dain Detillier, General Manager LNG Facility, Harvey Gulf International Marine

11:50 BREAK

12:00 DI-DARQ for LNG Supply Chain Management

Speakers :



Ron Brogdon, Oil and Gas Team Leader, MDxBlocks
Krishna Bayanna, CEO/CTO, MdxBlocks

12:30 BREAK

13:00 Investment on future LNG Infrastructure – ROI and Capital Efficiency Using a Hub-and-Spoke Distribution Network

Speaker:



Keith Meyer, CEO, LNG Central

13:30 AI, Technology and Blockchain for LNG

- How to transform your LNG business from traditional practices to a digitalised upgrade?
- How can you leverage AI and Blockchain for a successful dependence on ease of business?
- From trading to sourcing, procurement to compliance – How can all your business double up to a high-performance model without your everyday supervision?

Speaker:



Gino Valverde, COO / CFO, Blockchain for Energy

14:00 Closing remarks

08:55 Welcome remarks**09:00 Trends in Operational Technology**

- How secure is your existing infrastructure?
- Exploring Targeted Ransomware in the evolving threat landscape
- How can you manage optimum operational security?
- Smart strategies for emergency risk avoidance
- Exploring Security PHA Review (SPR), Consequence-Driven, Cyber-Informed Engineering (CCE), and Secure Operations Technology (SEC-OT)

Speaker :

Michael Firstenberg, Director of Industrial Security, Waterfall Security Solutions Ltd

THEME 3: DECARBONIZATION AND CHG'S EMISSIONS**09:30 Global Gas Market Perspective and Future Gases**

- Learn from the expert – what is the best advice from one of the world's leading gas policy specialist?
- How equipped is the Global infrastructure for handling alternative gases?
- How long is the way to a net zero carbon footprint? – A perspective on the developed and developing nations
- How can emerging markets contribute to decarbonizations?
- How LNG can displace coal?

Speaker:

Andreas Thanos, Advisory & Chair to NAESB and NARUC, Gas Policy Specialist, Massachusetts Department of Public Utilities

10:00 PANEL - Role of LNG in Decarbonising Energy Sector

- How do leading experts envision LNG for the environment?
- How can we effectively mitigate the loop areas in LNG and leverage on it as a key element in achieving global climate goals?
- What smart strategies can we adopt for revamping existing LNG infrastructure?
- Can we transcend the benefits into multiple end products?

Chair:

Clair Hebert Marceaux, PCED, Port Director, Cameron Parish Port, Harbor & Terminal District

Speakers:



Vince Morrissette, Commercial Director, Alder Midstream

Amanda C. Duhon, Regional Director (North & Central America), EIC

Roberto Ruiperez Vara, PE, Director - LNG Technology, Operations and Projects, Freeport LNG

11:00 BREAK

11:30 PANEL - Small Scale LNG - Cost Economics and Viability of SSLNG terminals

- Understanding the significance of location, operations and cost economics for SSLNG
- How to establish a successful check mechanism for demand and supply?
- How to capitalise on small investments for SSLNG?
- How smart is outsourcing for logistics, micro liquefaction facilities and bunkering?
- Which cost-efficient technologies can act as a boost to your business?

Chair:



Andreas Thanos, Advisory & Chair to NAESB and NARUC, Gas Policy Specialist, Massachusetts Department of Public Utilities

Speakers:



Aparna Subramanian, Senior Engineering Leader - Process, Matrix PDM Engineering

Blake Littauer, President, Puget LNG

Eduardo Pérez Orue, Director Small Scale LNG Shipping consultants, Small-LNG.com

Jonathan Cook, Chief Executive Officer, Pilot LNG, LLC

12:30 CASE STUDY: “Green by Design”: Decarbonizing the LNG Value Chain

Speaker :



Pawandeep Singh, Vice President of Engineering, Texas LNG

13:00 Break

13:30 PANEL - LNG’s Carbon Footprint and incompatibility for net zero future – what’s next?

- Carbon Neutral LNG
- Carbon Capture and Sequestration
- Alternative strategies and technologically advanced solutions

Chair:



Keith Meyer, CEO, LNG Central

Speakers:



Neil Mackintosh, Vice President Engineering Services, Global Product Champion for Net Zero Decarbonization, McDermott International Inc

Roberto Ruiperez Vara, PE, Director - LNG Technology, Operations and Projects, Freeport LNG

Amanda C. Duhon, Regional Director (North & Central America), EIC

14:30 Closing Remarks Day and End of Summit

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