

LNG Bunkering Summit Asia 2025

Post-Event Report

Powering the Future of Maritime in Asia with LNG Bunkering

25–28 November 2025
Amara Sanctuary Sentosa, Singapore

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2025 Summary

As Asia's maritime sector advanced its decarbonisation goals in 2025, LNG reaffirmed its role as the region's most commercially ready transition fuel. Rising LNG-fueled vessel orders and continued investment in bunkering infrastructure signalled growing confidence, while interest in bio-LNG, synthetic LNG, and other low-carbon options gained momentum. Against a backdrop of stricter emissions regulations and increased expectations for operational transparency, industry stakeholders focused heavily on improving efficiency, supply resilience, and long-term fuel flexibility.

The LNG Bunkering Summit Asia 2025 brought together senior leaders from shipping, ports, fuel

suppliers, and technology providers to examine these shifts. Held in Singapore, the Summit centred on **Powering the Future of Maritime in Asia with LNG Bunkering**, with discussions spanning market outlooks, infrastructure expansion, digitalisation, safety improvements, vessel readiness, and emerging low-carbon LNG pathways.

Over four days of strategic insights, technical case studies, and peer-to-peer discussion, the Summit highlighted one unifying priority:

Building resilient, scalable bunkering infrastructure that supports today's LNG demand while remaining adaptable to tomorrow's fuels.

Key Themes addressed in 2025



LNG as a compliance-ready fuel under evolving lifecycle emissions frameworks

The methane pathway:
LNG, bio-LNG &
synthetic LNG



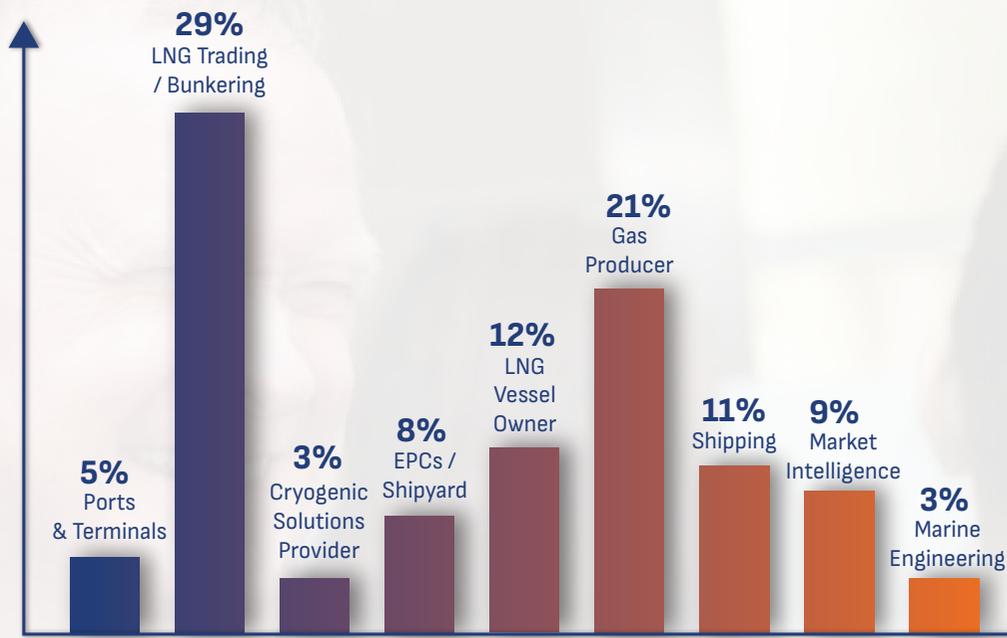
Port and bunkering infrastructure readiness for a multi-fuel future

Digitalisation, transparency & operational efficiency in bunkering



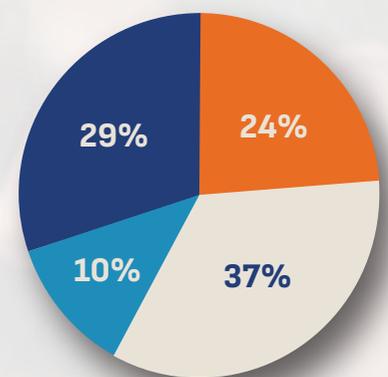
Collaboration across shipowners, ports, suppliers & regulators

2025 Attendees



Attendee Profile by Organisation Type

Seniority Breakdown



Companies in Attendance

- Busan Port Authority
- Centrica
- CryoSafe Services Ltd
- E&CO.,Ltd
- Excelerate Energy
- ExxonMobil
- Fearnleys
- Fratelli Cosulich Bunkers S Pte Ltd
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- Hanwa Co Ltd
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- IBC LNG CO., LTD
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- International Chamber of Shipping
- Kmarin
- Korea Research Institute of Ships and
- Ocean Engineering
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- Shell
- Singapore LNG Corporation
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- SK Gas
- SLNG - Singapore LNG Corporation Pte Ltd
- Sohar Port and Freezone
- Stirling Cryogenics
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About us

Now firmly established as Asia's leading LNG bunkering platform, the **LNG Bunkering Summit Asia** brings together the full maritime fuel value chain to address the commercial, regulatory, and operational realities of LNG deployment.

Held in Singapore — Asia's premier bunkering and maritime hub — the 2025 Summit provided a neutral, senior-level forum for open discussion on fuel transition strategies, infrastructure investment, and regulatory alignment across the region.

The programme combined:

- Strategic market outlooks
- Technical and operational case studies
- Interactive discussion groups
- Pre- and post-conference workshops

to ensure delegates left with **practical insights they could apply immediately** within their organisations.

Workshop Highlights

The Summit bookended its main programme with two focused workshop sessions designed to equip attendees with practical, commercially grounded insights into navigating the industry's shift toward a multi-fuel future.

Pre conference workshop:

The Role of LNG in a Multi-Fuel Future

The **Pre-Conference Workshop** opened with an in-depth session led by **Michael Newman, Associate Director – LNG & New Energies Specialist, Fearnleys**, examining The Role of LNG in a Multi-Fuel Future. Michael offered a clear, real-world view of how LNG fits into long-term decarbonisation pathways and the factors shaping fuel-selection decisions across today's fleets. He walked participants through the commercial, safety, and regulatory considerations that determine whether – and when – operators adopt alternative fuels, and outlined the operational realities of managing multiple fuel types across ports, suppliers, and vessels. The discussion underscored the need for flexible bunkering and fuel-supply strategies capable of adapting to evolving market conditions and regulatory pressures.

Post conference workshop :

Adapting Port Infrastructure for a Multi-Fuel Future

The **Post-Conference Workshop** featured a detailed case study presented by **Sunil Krishnakumar, Senior Technical Manager Marine Department and General Manager Singapore Office, International Chamber of Shipping**, on Adapting Port Infrastructure for a Multi-Fuel Future. Sunil explored the infrastructure upgrades ports must prioritise to safely accommodate LNG alongside emerging fuels, highlighting the balance required between regulatory compliance, operational continuity, and long-term flexibility. He also addressed the safety, coordination, and technical challenges that ports face as multi-fuel bunkering demand grows, offering participants a grounded understanding of the planning and stakeholder alignment needed to support future bunkering ecosystems.

Together, the two sessions provided attendees with a cohesive view of how both fleet operators and ports can prepare for an increasingly complex, multi-fuel maritime landscape – reinforcing the importance of strategic planning, operational adaptability, and cross-industry collaboration

Main Summit Highlights Day –1

LNG as the Foundation of Asia’s Fuel Transition

Day One opened with a forward-looking session from **Emissions Fuels at ExxonMobil, who delivered a comprehensive outlook on global**, energy trends and their implications for marine fuels. She outlined how shifting demand patterns, evolving regulations, and long-term decarbonisation targets are reshaping fuel mix decisions across the shipping sector. Eleanor also highlighted the key tipping points – where technology, policy, and economics converge – that will ultimately drive future fuel transitions.

Following this, **Vitol, explored LNG’s position as a long-term decarbonisation solution and the market forces** shaping new bunkering hubs worldwide. He examined how emerging supply locations, bioLNG scalability, and innovative compliance mechanisms such as pooling and emissions-trading models are influencing commercial strategies for shipowners and suppliers.

Mid-morning, **National Technical Committee for Bunkering (Cryogenic & Gaseous Fuels)**, delivered a timely session on the IMO’s updated emissions calculation methodologies. He showed how well-to-wake metrics and lifecycle-based assessments are strengthening LNG’s case as a credible low-carbon fuel and unpacked the operational and compliance implications for vessel owners, ports, and regulators. The morning concluded with a lively

networking session followed by vessel efficiency – covering design optimisation, technology upgrades, turnaround-time reduction, and safe handling practices. This was complemented by bottlenecks hindering LNG storage and distribution, offering strategies for strengthening supply chain resilience across the region.

In the early afternoon, attendees joined two rounds of Interactive Discussion Groups, choosing between “The Role of LNG in a Multi-Fuel Future,” led by Nacho de Miguel of Peninsula, and “Ensuring Fuel Availability and Security,” facilitated by Vincent Li. Both sessions enabled participants to engage in candid peer-to-peer discussion, surfacing shared challenges and practical strategies under evolving fuel-transition pressures.

The day wrapped up with a technology-focused session by **Kmarin, who explored how AI and blockchain are reshaping LNG bunkering** operations – from safety and technical optimisation to commercial transparency and environmental tracking. The final panel, moderated by brought together senior leaders from **ExxonMobil to discuss strategies for future-proofing LNG infrastructure**. The conversation centred on modular designs, scalability, cross-value-chain coordination, and the growing importance of flexibility in a multi-fuel era.

Main Summit Highlights Day –2

From Compliance to Competitive Advantage

Day Two opened with an insightful presentation by **Customer Director at Shell Marine, who examined “From Competitive to Compliance: The Case for the Methane Pathway.”** Mark outlined how ethane-based fuels – LNG, bio-LNG, and synthetic LNG – are rapidly evolving from cost-efficient energy options into essential tools for meeting tightening regulatory mandates under CII, EU ETS, and future IMO frameworks. He detailed the lifecycle emissions performance of methane pathways, advancements in slip reduction technologies, and the investments underway to ensure long-term regulatory alignment and operational viability.

This was followed by a high-level Fireside Chat on “Building Regional Supply Chains for Alternative Marine Fuels in Asia,” moderated by **Energy. Yasuyuki Ota (Mitsui OSK Lines Asia) and Mark Nicdao (Shell Marine)**, discussed the readiness of alternative fuel supply chains across Southeast Asia, the balance between short-term availability and long-term transition planning, and the collaborative models needed between shipowners, ports, and suppliers to close regional infrastructure gaps. The conversation highlighted growing momentum behind multi-fuel strategies and the need for aligned procurement approaches across the value chain.

Late morning, **at Peninsula**, delivered a comprehensive session on “Decarbonisation Decisions – Fuel Pathways, Trade-Offs, and Timelines.” He compared the feasibility and scalability of LNG, biofuels, methanol, ammonia, and carbon capture technologies, emphasising lifecycle emissions, infrastructure compatibility, and risk management. Nacho’s analysis provided delegates with a clear framework for evaluating long-term fuel strategies amid expanding regulatory and commercial pressures.

This was followed by a Fireside Chat on “The Future of Ports: Decarbonisation,

Digitalisation, and Strategic Reinvention,” featuring **Sohar Port and Freezone**. The discussion explored the shift toward digital port ecosystems, the growing expectation for ports to play an active role in fuel-transition planning, and the resilience needed to manage global trade disruptions. Dimitri highlighted how modern ports are redesigning operational workflows, data systems, and infrastructure layouts to support LNG and emerging fuels simultaneously.

In the afternoon, participants engaged in two rounds of Interactive Discussion Groups, selecting between **Industry’s Clean Energy Transition,” led by Yasuyuki Ota, and “Balancing Growth, Regulation, and Sustainability in the Next Era of Maritime Trade,”** facilitated by open dialogue around real-world challenges, cross-regional cooperation, and the role of industry partnerships in scaling decarbonisation progress.

The day continued with a detailed case study delivered by focusing on the application of “The Methane Pathway” to the Pilbara–Asia dry bulk corridor. Robert outlined the technical, commercial, and regulatory considerations underpinning a large-scale LNG, bioLNG, and e-LNG supply and bunkering hub, highlighting early-stage project insights, vessel system innovations, and opportunities for regional alignment.

Day Two concluded with a session by “Building LNG Ready Ports: Infrastructure, Integration & Regional Impact.” He examined LNG bunkering development within a multi-fuel terminal context, shared lessons from regional port integration models, and offered insights into aligning LNG infrastructure with broader industrial and trade strategies. His session reinforced the Summit’s overarching theme: the importance of adaptable, collaborative, and future-proofed infrastructure in the next era of bunkering.

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Our Speakers



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Nacho De Miguel
Head of LNG, Alternative
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Mark Nicdao
Strategic Customer Director
Shell



Yasuyuki Ota
General Manager Green Marine
Fuels Business Team
Mitsui O.S.K. Lines



Robert Malabar
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Pilbara Clean Fuels



Sunil Krishnakumar
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Marine Department,
General Manager Singapore Office
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Michael Newman
Associate Director -
LNG & New Energies Specialist
Fearnley LNG



Jan Woon
Senior Manager LNG Market
and Business Solutions
Singapore LNG Corporation



Stefan Dumbledam
Head of small scale & LNG Bunkering
Vitol SA



Eleanor Wong
Director, Low Emissions Fuels
Exxonmobil



Dimitri Van Eekelen
Vice President Commercial,
Board Member SEA-LNG
Sohar Port and Freezone

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