

16th ASEF Forum
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Current Status on World Shipbuilding Industry

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Active Shipbuilding Experts' Federation (ASEF)



Overview of ASEF

Introduction to ASEF

What is Active Shipbuilding Experts' Federation (ASEF) ?

- ASEF is an international organization in the shipbuilding industry, centered around major shipbuilding associations. It was officially established in November 2015.
- ASEF applied for NGO consultative status with the IMO in the spring of 2017 and was officially granted this status in December 2017.

Member Association: 11 Members

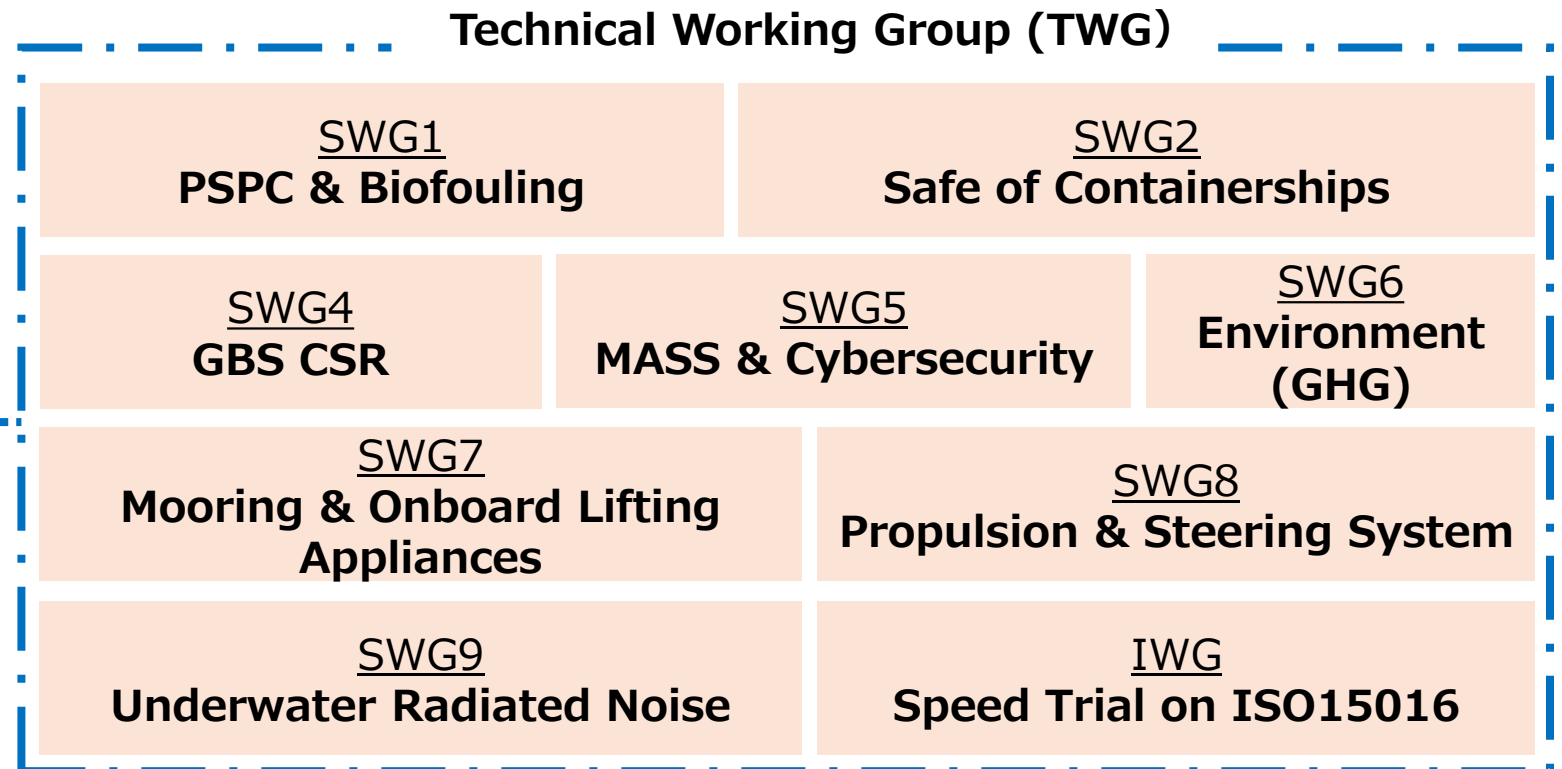
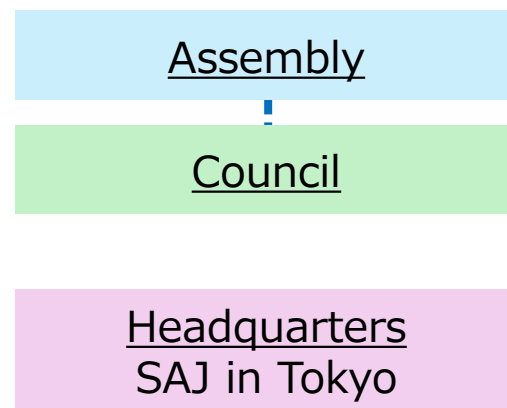
The Shipbuilders' Association of Japan (SAJ)	China Association of the National Shipbuilding Industry (CANSI)
Korea Offshore & Shipbuilding Association (KOSHIPA)	Turkish Shipbuilders' Association (GISBIR)
Association of Marine Industries of Malaysia (AMIM)	Association of Singapore Marine & Offshore Energy Industries (ASMI)
Colombo Dockyard PLC (CDPLC in Sri Lanka)	Shipyard Association of India (SAI)
Indonesia Shipbuilding and Offshore Industry Association (IPERINDO)	Shipbuilding Industry Corporation (SBIC in Vietnam)
Thai Shipbuilding and Repairing Association (TSBA)	

Technical Framework of ASEF

Purpose of ASEF

- ASEF contributes to the sound development of international maritime transport, as well as to the promotion of maritime safety, marine environmental protection, and maritime security.

Organization Chart



Activities of ASEF

- ASEF is involved in discussions on maritime issues from technical perspective.
- ASEF serves as a platform for technical information exchange among members and for delivering technical views to the stakeholders.
- As part of its activities, ASEF holds WG meetings and a Forum to exchange technical information and opinions among its members and with other related industries.

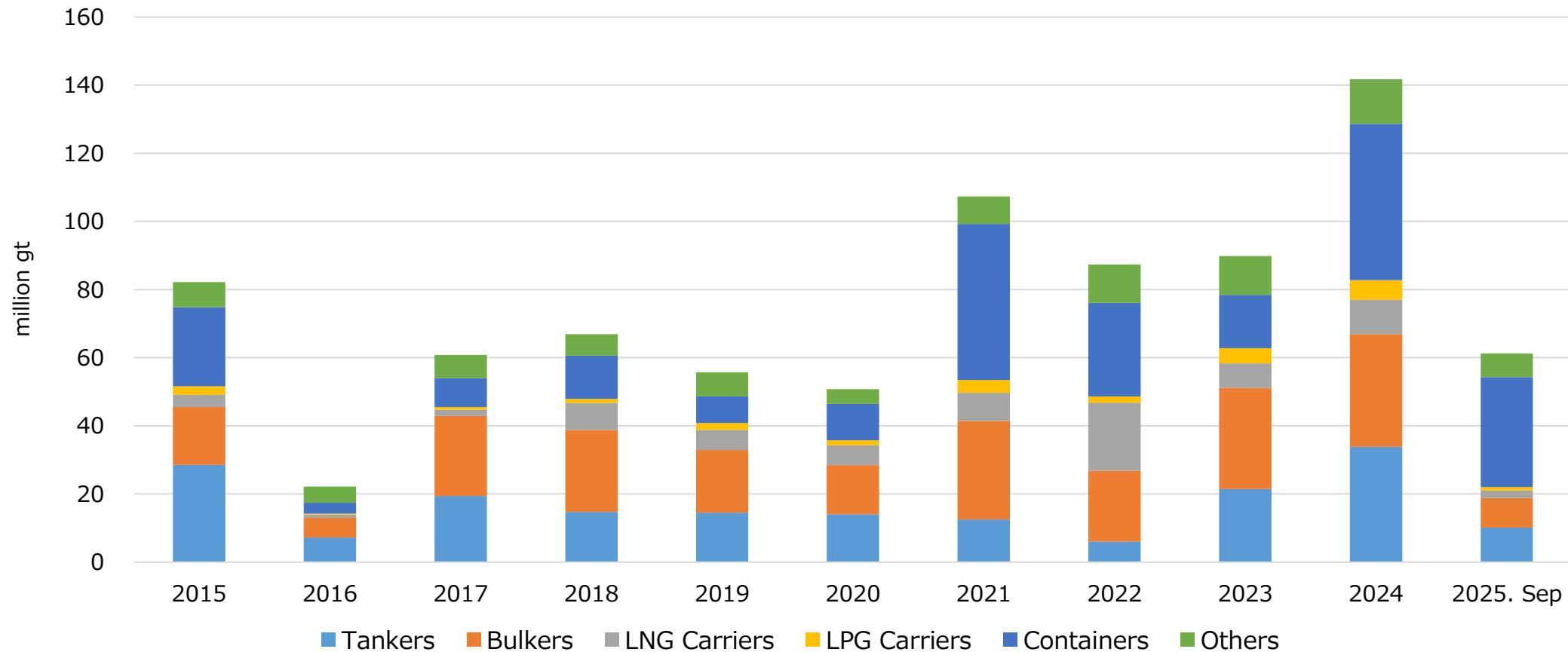




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Contracting by Ship type

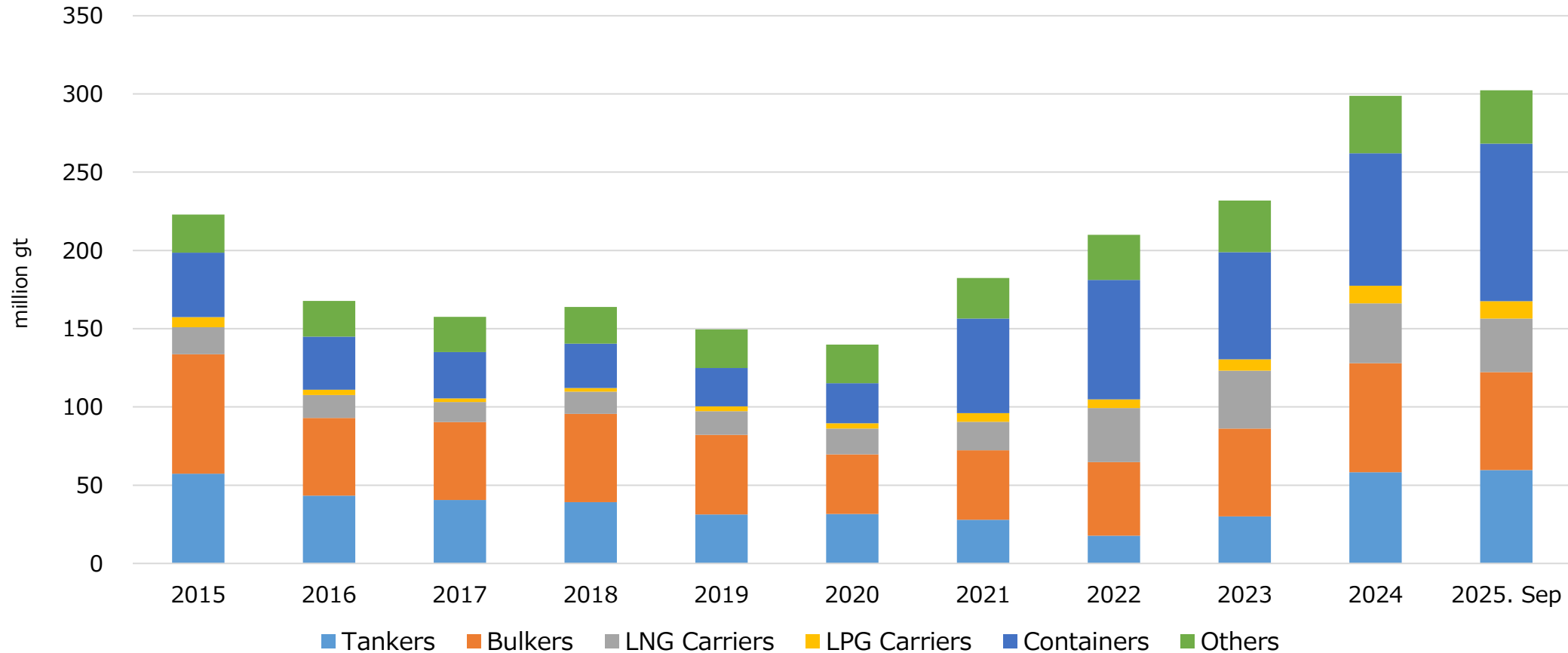
- The level is lower than the previous year, but it remains above the 10 average.



The graph was made by the speaker based on data from Clarksons.

Orderbook by Ship type

- Shipyards have built up long-term orderbooks over recent years.

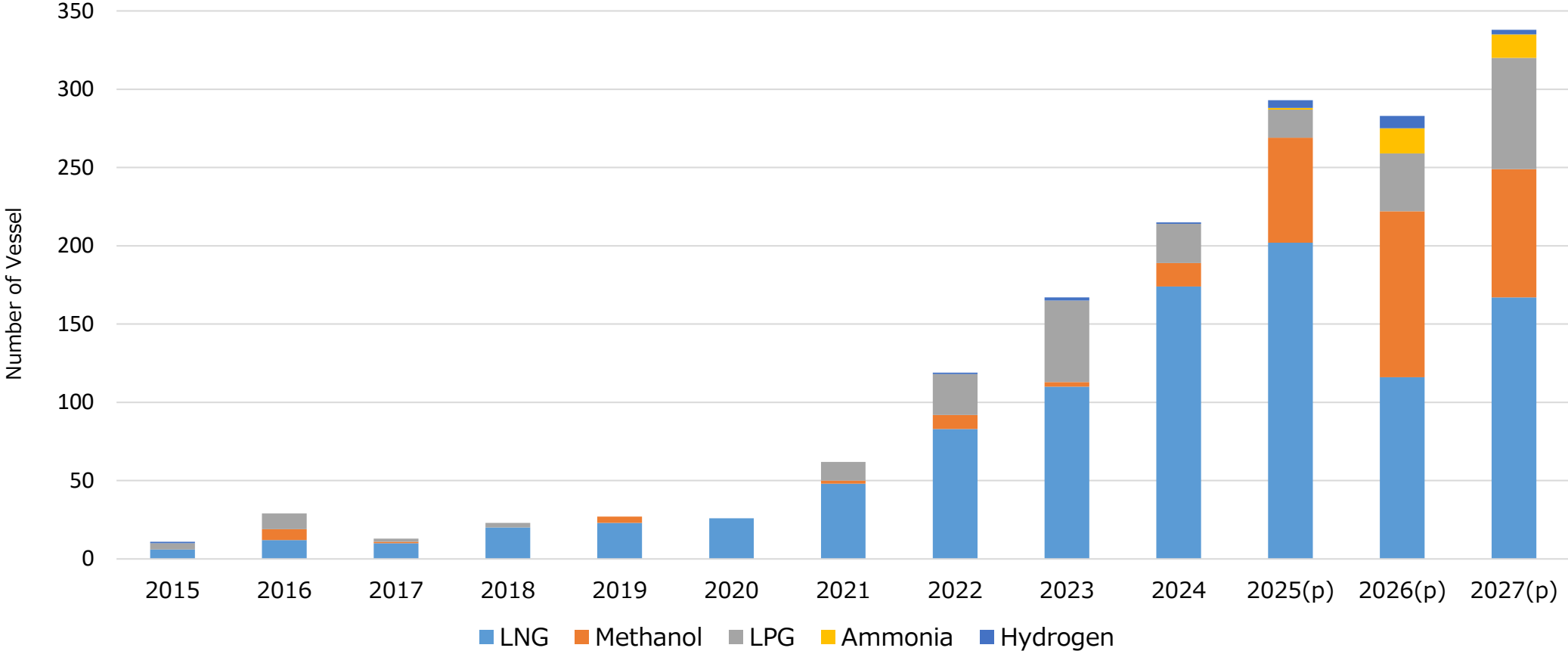


*Yearend of each year.

The graph was made by the speaker based on data from Clarksons.

Delivery for Alternative Fuel Ship

- The number of AF ship deliveries has shown a steady upward trend.

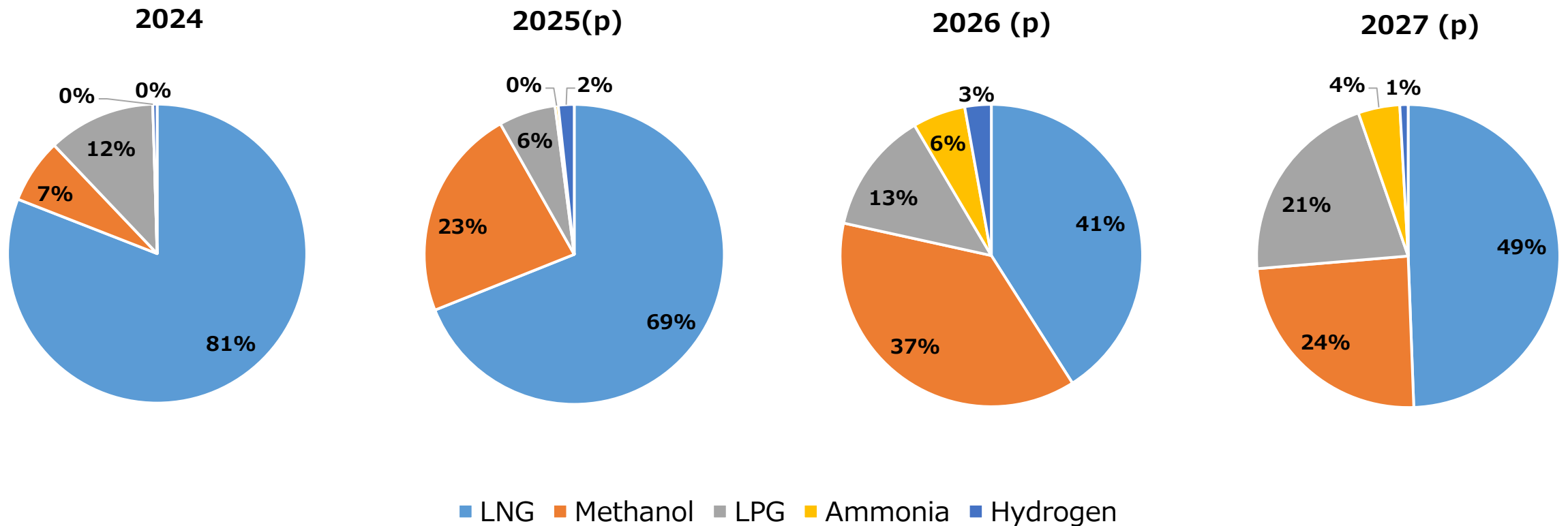


*Deliveries after 2025 were estimated based on the orderbook.

The graph was made by the speaker based on data from Clarksons.

Share of Marine Fuels in Deliveries of AF Ship

- The diversification of marine fuels is expected to progress consistently.



The graphs was made by the speaker based on data from Clarksons.

Regulatory Trends at the IMO

MEPC Extraordinary Session 2, in October 2025

- Although mid-term measures for reducing GHG emissions were discussed, consensus could not be reached on the adoption of draft amendments to MARPOL Annex VI.
- Discussion will continue into 2026, with further technical and policy consultations planned over the next 12 months.
 - Uncertainties have increased, however the IMO's goal of achieving net-zero emissions by around 2050 remains unchanged.
 - **Therefore, the shipbuilding industry is expected to continue its efforts toward that target.**

Other issues in Shipbuilding Industries

Volatile Price of Raw Material

- Following the historic highs of 2021–2022, steel plate prices have stabilized after a period of decline, yet they remain under pressure from global inflationary forces.

Workforce Shortage

- Securing workers is an increasingly pressing issue for the shipbuilding industry, due to an aging workforce and declining interest among younger generations.
- Automation, AI, and smart shipbuilding technologies are being introduced to ease labor burdens and supplement technical skills.
- Nevertheless, full automation of on-site operations remains challenging, requiring a balanced approach to workforce development and technological innovation.

Thank you for your attention.

