



MEDIA RELEASE

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MPA Launches EOI for Sea-Based LNG Reloading and Supply of E/Bio-methane as Marine Fuel in Port of Singapore

The Maritime and Port Authority of Singapore (MPA) has launched an Expression of Interest (EOI) to explore scalable solutions for sea-based liquefied natural gas (LNG) reloading to complement the existing onshore LNG bunkering storage and jetty capacities and the supply of e/bio-methane as marine fuel in the Port of Singapore.

2. LNG bunkering in Singapore has grown from 16,000 tonnes delivered in 2022 to over 385,000 tonnes delivered from January to October 2024. The EOI seeks to gather proposals on three areas: to scale up sea-based reloading operations, including ship-to-bunker barge LNG operations; to facilitate the supply of LNG alternatives such as liquefied bio-methane; and to develop floating platform concepts to enhance bunkering safety and efficiency. The EOI proposals should also include mitigation measures to address the issue of methane slip on a well-to-wake basis.

3. Participants in the EOI do not need to be an existing LNG bunkering licensee. Participants are required to propose models for operationalising sea-based LNG reloading starting from 2025. Participants selected will be required to conduct trials in Singapore to validate the proposed solution's operational feasibility and safety. Insights gained from the EOI and trials will inform MPA's review of the LNG licensing framework, including enhancements to supply to better serve the industry's bunkering needs.

4. Interested parties can visit the MPA website at <https://go.gov.sg/mpa-eoi-lng> for details and submission guidelines. Proposals must be submitted by 28 February 2025, 1:00 pm (Singapore time).

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About the Maritime and Port Authority of Singapore (MPA)

MPA was established on 2 February 1996 with the mission to develop Singapore as a premier global hub port and international maritime centre, and to advance and safeguard Singapore's strategic maritime interests. MPA is the driving force behind Singapore's port and maritime development, taking on the roles of port authority, maritime and port regulator and planner, international maritime centre champion, national maritime representative and a champion of digitalisation and decarbonisation efforts at regional and international fora such as at the International Maritime Organization. MPA partners industry, research community and other agencies to enhance safety, security and environmental protection in our waters, facilitate maritime and port operations and growth, expand the cluster of maritime ancillary services, and develops maritime digitalisation and decarbonisation policies and plans, R&D and manpower development. MPA is responsible for the overall development and growth of the maritime domain and Port of Singapore. In 2023, Singapore's annual vessel arrival tonnage crossed 3 billion Gross Tonnage and remains the world's busiest transshipment hub, with a total container throughput of 39.0 million 20-foot equivalent units (TEUs).

For more information, please visit www.mpa.gov.sg/

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