

# **Asia Pacific LNG Carrier Market Size study, by Capacity (30,000-125,000 cm, 125,000-150,000 cm, 150,000-175,000 cm, above 175,000cm), by Containment Type (Membrane, Moss), By Application (Domestic Transportation, International Transportation) and Country Forecasts 2022-2032**

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## **Abstracts**

Asia Pacific LNG Carrier Market is valued approximately at USD 7.40 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 6.33% over the forecast period 2024-2032. An LNG carrier is a specialized vessel crafted for the conveyance of liquefied natural gas, employing sophisticated cryogenic technology to maintain LNG at temperatures as low as -162 degrees Celsius during transportation. These vessels are instrumental in the Asia-Pacific energy trade, facilitating the movement of natural gas from production facilities to consumption hubs worldwide. The Asia-Pacific LNG Carrier Market is projected to registered significant growth, driven by escalated natural gas demand spurred by vigorous industrial growth and the widespread adoption of clean energy sources across the region.

Factors such as versatile deployment capabilities, enhanced efficiency, and the escalating consumption of LNG, propelled by governmental regulations and demand from diverse end-user industries, are poised to drive market growth. Moreover, Asia Pacific LNG Carrier market is witnessing a significant transformation in the shipping industry's fuel composition, driven by MARPOL regulations aimed at curbing sulfur emissions from ships, thus prompting operators to explore LNG as a marine fuel, consequently increasing the demand for LNG carriers. Furthermore, the expanding LNG tanker fleet, fueled by technological advancement and growing LNG trade, is expected to further stimulate market growth. Nonetheless, challenges persist, including the high

manufacturing and accommodation costs of LNG carriers, the intricate and costly construction of LNG pipelines requiring extensive insulation, inadequate supporting infrastructure, and protracted delivery times. Conversely, the influx of new carrier fleets and regional shipping disparities have resulted in fluctuating charter rates, necessitating strategic deliberation for effective navigation by market participants.

The key countries considered for the Asia Pacific LNG Carrier market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China emerged as the largest regional market in terms of revenue driven by its intensified efforts to curb emissions and pollution through coal-to-gas conversion policies, resulting in a 15.0% increase in LNG consumption. Additionally, several Asian countries, notably South Korea and Chinese Taipei, are poised to significantly boost their LNG import. South Korea is anticipated to experience fastest growth in the forecasted period of 2022-2032, supported by increasing LNG consumption across various industries. Japan's reliance on LNG for power generation further contributes to the anticipated expansion of the Asia-Pacific market.

Major market player included in this report are:

Nippon Yusen Kabushiki Kaisha  
MISC Berhad  
Mistui O.S.K. Lines Ltd.  
Seapeak LLC  
Hudong-Zhonghua Shipbuilding Corporation  
Teekay Lng Partners, L.P  
BW Group  
Company 8  
Company 9  
Company 10

The detailed segments and sub-segment of the market are explained below:

By Capacity

30,000-125,000 cm  
125,000-150,000 cm  
150,000-175,000 cm  
above 175,000cm

By Containment Type

Membrane

Moss

By Application

Domestic Transportation

International Transportation

?

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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