

Global FSRU (Floating Storage and Regasification Unit) Market Size Study, by Construction (Newly Built, Converted), by Storage (Small, Medium, Large), by Application (Industrial, Power Generation, Others), and Regional Forecasts 2022-2032

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Abstracts

Global FSRU (Floating Storage and Regasification Unit) Market is valued approximately at USD 2.05 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.01% over the forecast period 2024-2032. FSRU stands for Floating Storage and Regasification Unit. It is a specialized vessel used in the liquefied natural gas (LNG) industry for the import, storage, and regasification of LNG. FSRUs are preferred in regions where there is a need for flexible and rapid LNG import capability. They offer advantages over traditional onshore LNG terminals in terms of lower cost, faster deployment, and operational flexibility. FSRUs can be moored offshore near coastal areas or ports, enabling quick connection to existing gas infrastructure and reducing environmental and land use impacts compared to building new onshore facilities. The market growth is driven by the cost-effectiveness of FSRUs, rising natural gas demand, and stabilizing prices for crude oil globally. FSRUs offer a significant cost advantage, with construction costs nearly half that of onshore facilities and operational readiness in just a year, making them attractive to both emerging and established LNG markets.

The demand for Floating Storage and Regasification Units (FSRUs) is driven significantly by their cost-effectiveness compared to building new onshore LNG terminals. FSRUs offer substantial savings in capital expenditure and operational costs. They eliminate the need for extensive land acquisition, construction of onshore infrastructure, and associated environmental mitigation measures. This cost advantage is particularly attractive in regions where establishing traditional onshore terminals is economically challenging or where rapid deployment of LNG import capacity is required.

FSRUs also provide flexibility in terms of scalability and mobility, allowing for adjustments in storage and regasification capacities as market demands evolve. Moreover, their offshore placement minimizes environmental impact and reduces permitting complexities, further enhancing their appeal. As global demand for natural gas continues to rise and energy markets seek efficient, flexible solutions, FSRUs are poised to play a crucial role in expanding LNG import capabilities and enhancing energy security worldwide.

The key region in the Global FSRU (Floating Storage and Regasification Unit) Market includes North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. In 2023, the North America dominates the FSRU Market, attributed to the extensive availability of LNG production and supply. The U.S. held the largest market share within North America. Europe accounted for a significant market share, driven by the supply of LNG and intellectual property laws protecting patented industrial designs. The Asia-Pacific region is expected to register significant growth, with well-established LNG markets in China, India, South Korea, Japan, and emerging markets in Indonesia, Pakistan, and Bangladesh.

Key Companies Covered in the Report:

Excelerate Energy

Hoegh LNG

Golar LNG

BW Gas

Gazprom FLEX LNG

Exmar

Maran Gas Maritime Inc.

Offshore LNG Toscana SpA

Mitsui O.S.K. Lines

Bumi Armada

Teekay LNG Partners, L.P

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

By Construction:

Newly Built

Converted

By Storage:

Small

Medium

Large

By Application:

Industrial

Power Generation

Others

By Region:

North America

U.S.

Canada

Europe

Germany

U.K.

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

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 regional 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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