

# Global Marine Exhaust Gas Solutions Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G6E64E5ADEF7EN.html>

Date: December 2025

Pages: 147

Price: US\$ 4,480.00 (Single User License)

ID: G6E64E5ADEF7EN

## Abstracts

The global Marine Exhaust Gas Solutions market size is expected to reach \$ 22081 million by 2032, rising at a market growth of 7.4% CAGR during the forecast period (2026-2032).

Marine Exhaust Gas Solutions refer to a complete set of technical systems and supporting services deployed to control, reduce, and compliantly manage engine and boiler exhaust emissions during ship operation. They aim to meet the IMO (International Maritime Organization) MARPOL Annex VI and various regional emission regulations for pollutants such as sulfur oxides (SO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), particulate matter (PM), carbon monoxide (CO), and unburned hydrocarbons (HC).

### Gross Profit Margin Levels

The marine exhaust gas solutions industry exhibits a structural characteristic of 'medium margins for equipment, low margins for engineering, and high margins for services.' Core equipment (such as EGCS scrubbers, SCR reactors, control systems, and monitoring modules) involves fluid mechanics, corrosion-resistant materials, catalysis technology, and classification society certification, presenting certain technological barriers and typically resulting in upper-middle-range gross profit margins.\*\* System integration and ship conversion and installation engineering (EPC/Retrofit), however, are constrained by ship type differences, docking time limitations, construction complexity, and project risks, leading to relatively lower gross profit margins, relying more on scale and project management capabilities. In contrast, spare parts and consumables (such as catalysts and reagents), operation and maintenance services, long-term maintenance contracts, and emissions monitoring and digital compliance services offer continuity and customer loyalty, generally resulting in higher gross profit margins than one-time equipment sales. Overall, the industry's overall gross profit margin is mostly in the 15%-40% range, with leading companies possessing advanced technology, well-established global service networks, and a high proportion of existing

ship maintenance accounting for closer to the upper end of this range.

### Industry Drivers

The growth of the marine exhaust gas solutions market is primarily driven by regulatory constraints, economic considerations, and changes in fleet structure. Firstly, IMO MARPOL Annex VI, the global sulfur cap (IMO 2020), and regional emission requirements such as NOx Tier III/NECA continue to raise the compliance threshold for ships, transforming exhaust gas treatment systems from an 'optional configuration' to a 'necessary investment.' Secondly, against the backdrop of fluctuating fuel prices, the price difference between low-sulfur and high-sulfur fuels directly influences shipowners' investment decisions regarding 'fuel switching' and 'installing exhaust gas treatment systems,' enhancing the economic attractiveness of solutions such as EGCS. Thirdly, the aging global fleet and the large existing fleet size provide a long-term demand foundation for the retrofit market; simultaneously, stricter air quality requirements in port cities and stricter regulations on scrubber discharge are also driving technological upgrades towards greater efficiency, environmental friendliness, and monitorability. With the combined influence of shipping companies' ESG goals, charterers' green terms, and the need for digital compliance management, the marine exhaust gas solutions industry will continue to maintain steady growth in the future, showing a development trend of 'equipment centralization and service value enhancement'.

This report studies the global Marine Exhaust Gas Solutions demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Marine Exhaust Gas Solutions, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Marine Exhaust Gas Solutions that contribute to its increasing demand across many markets.

### Highlights and key features of the study

Global Marine Exhaust Gas Solutions total market, 2021-2032, (USD Million)

Global Marine Exhaust Gas Solutions total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Marine Exhaust Gas Solutions total market, key domestic companies, and share, (USD Million)

Global Marine Exhaust Gas Solutions revenue by player, revenue and market share 2021-2026, (USD Million)

Global Marine Exhaust Gas Solutions total market by Type, CAGR, 2021-2032, (USD Million)

Global Marine Exhaust Gas Solutions total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Marine Exhaust Gas Solutions market

based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Wärtsilä, EcoSpray Technologies, Alfa Laval, Puyier, CR Ocean Engineering, Clean Marine, Panasia, FMSI, VDL AEC Maritime, Valmet, etc. This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Marine Exhaust Gas Solutions market

**Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Marine Exhaust Gas Solutions Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Marine Exhaust Gas Solutions Market, Segmentation by Type:

Bypass Type

Integrated Chimney Type

Others

### Global Marine Exhaust Gas Solutions Market, Segmentation by Pollutant Control:

Washing Water Treatment

SOx Emission Reduction

Others

### Global Marine Exhaust Gas Solutions Market, Segmentation by Technology Route:

Wet Washing

Dry Absorption

Others

### Global Marine Exhaust Gas Solutions Market, Segmentation by Application:

Main Vessel Types for Ocean Shipping

Vessel Types Sensitive to High Emissions

Vessel Types With High Port Call Frequency

Other

### **Companies Profiled:**

Wärtsilä

EcoSpray Technologies

Alfa Laval

Puyier

CR Ocean Engineering

Clean Marine

Panasia

FMSI

VDL AEC Maritime

Valmet

Langh Tech

Kwansung

Bilfinger Engineering & Technologies GmbH

Pacific Green Technologies

Bluesoul

Pure Ocean Technology

Saacke

Viswa

Comtocean

### Key Questions Answered

1. How big is the global Marine Exhaust Gas Solutions market?
2. What is the demand of the global Marine Exhaust Gas Solutions market?
3. What is the year over year growth of the global Marine Exhaust Gas Solutions market?
4. What is the total value of the global Marine Exhaust Gas Solutions market?

5. Who are the Major Players in the global Marine Exhaust Gas Solutions market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Marine Exhaust Gas Solutions Introduction
- 1.2 World Marine Exhaust Gas Solutions Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World Marine Exhaust Gas Solutions Total Market by Region (by Headquarter Location)
  - 1.3.1 World Marine Exhaust Gas Solutions Market Size by Region (2021-2032), (by Headquarter Location)
  - 1.3.2 United States Based Company Marine Exhaust Gas Solutions Revenue (2021-2032)
  - 1.3.3 China Based Company Marine Exhaust Gas Solutions Revenue (2021-2032)
  - 1.3.4 Europe Based Company Marine Exhaust Gas Solutions Revenue (2021-2032)
  - 1.3.5 Japan Based Company Marine Exhaust Gas Solutions Revenue (2021-2032)
  - 1.3.6 South Korea Based Company Marine Exhaust Gas Solutions Revenue (2021-2032)
  - 1.3.7 ASEAN Based Company Marine Exhaust Gas Solutions Revenue (2021-2032)
  - 1.3.8 India Based Company Marine Exhaust Gas Solutions Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Marine Exhaust Gas Solutions Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Marine Exhaust Gas Solutions Consumption Value (2021-2032)
- 2.2 World Marine Exhaust Gas Solutions Consumption Value by Region
  - 2.2.1 World Marine Exhaust Gas Solutions Consumption Value by Region (2021-2026)
  - 2.2.2 World Marine Exhaust Gas Solutions Consumption Value Forecast by Region (2027-2032)
- 2.3 United States Marine Exhaust Gas Solutions Consumption Value (2021-2032)
- 2.4 China Marine Exhaust Gas Solutions Consumption Value (2021-2032)
- 2.5 Europe Marine Exhaust Gas Solutions Consumption Value (2021-2032)
- 2.6 Japan Marine Exhaust Gas Solutions Consumption Value (2021-2032)
- 2.7 South Korea Marine Exhaust Gas Solutions Consumption Value (2021-2032)
- 2.8 ASEAN Marine Exhaust Gas Solutions Consumption Value (2021-2032)
- 2.9 India Marine Exhaust Gas Solutions Consumption Value (2021-2032)

### **3 WORLD MARINE EXHAUST GAS SOLUTIONS COMPANIES COMPETITIVE ANALYSIS**

- 3.1 World Marine Exhaust Gas Solutions Revenue by Player (2021-2026)
- 3.2 Industry Rank and Concentration Rate (CR)
  - 3.2.1 Global Marine Exhaust Gas Solutions Industry Rank of Major Players
  - 3.2.2 Global Concentration Ratios (CR4) for Marine Exhaust Gas Solutions in 2025
  - 3.2.3 Global Concentration Ratios (CR8) for Marine Exhaust Gas Solutions in 2025
- 3.3 Marine Exhaust Gas Solutions Company Evaluation Quadrant
- 3.4 Marine Exhaust Gas Solutions Market: Overall Company Footprint Analysis
  - 3.4.1 Marine Exhaust Gas Solutions Market: Region Footprint
  - 3.4.2 Marine Exhaust Gas Solutions Market: Company Product Type Footprint
  - 3.4.3 Marine Exhaust Gas Solutions Market: Company Product Application Footprint
- 3.5 Competitive Environment
  - 3.5.1 Historical Structure of the Industry
  - 3.5.2 Barriers of Market Entry
  - 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

### **4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)**

- 4.1 United States VS China: Marine Exhaust Gas Solutions Revenue Comparison (by Headquarter Location)
  - 4.1.1 United States VS China: Marine Exhaust Gas Solutions Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
  - 4.1.2 United States VS China: Marine Exhaust Gas Solutions Revenue Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States Based Companies VS China Based Companies: Marine Exhaust Gas Solutions Consumption Value Comparison
  - 4.2.1 United States VS China: Marine Exhaust Gas Solutions Consumption Value Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: Marine Exhaust Gas Solutions Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States Based Marine Exhaust Gas Solutions Companies and Market Share, 2021-2026
  - 4.3.1 United States Based Marine Exhaust Gas Solutions Companies, Headquarters (States, Country)
  - 4.3.2 United States Based Companies Marine Exhaust Gas Solutions Revenue,

(2021-2026)

4.4 China Based Companies Marine Exhaust Gas Solutions Revenue and Market Share, 2021-2026

4.4.1 China Based Marine Exhaust Gas Solutions Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies Marine Exhaust Gas Solutions Revenue, (2021-2026)

4.5 Rest of World Based Marine Exhaust Gas Solutions Companies and Market Share, 2021-2026

4.5.1 Rest of World Based Marine Exhaust Gas Solutions Companies, Headquarters (Province, Country)

4.5.2 Rest of World Based Companies Marine Exhaust Gas Solutions Revenue (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Marine Exhaust Gas Solutions Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Bypass Type

5.2.2 Integrated Chimney Type

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Marine Exhaust Gas Solutions Market Size by Type (2021-2026)

5.3.2 World Marine Exhaust Gas Solutions Market Size by Type (2027-2032)

5.3.3 World Marine Exhaust Gas Solutions Market Size Market Share by Type (2027-2032)

## **6 MARKET ANALYSIS BY POLLUTANT CONTROL**

6.1 World Marine Exhaust Gas Solutions Market Size Overview by Pollutant Control: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Pollutant Control

6.2.1 Washing Water Treatment

6.2.2 SOx Emission Reduction

6.2.3 Others

6.3 Market Segment by Pollutant Control

6.3.1 World Marine Exhaust Gas Solutions Market Size by Pollutant Control (2021-2026)

6.3.2 World Marine Exhaust Gas Solutions Market Size by Pollutant Control

(2027-2032)

6.3.3 World Marine Exhaust Gas Solutions Market Size Market Share by Pollutant Control (2027-2032)

## **7 MARKET ANALYSIS BY TECHNOLOGY ROUTE**

7.1 World Marine Exhaust Gas Solutions Market Size Overview by Technology Route: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Technology Route

7.2.1 Wet Washing

7.2.2 Dry Absorption

7.2.3 Others

7.3 Market Segment by Technology Route

7.3.1 World Marine Exhaust Gas Solutions Market Size by Technology Route (2021-2026)

7.3.2 World Marine Exhaust Gas Solutions Market Size by Technology Route (2027-2032)

7.3.3 World Marine Exhaust Gas Solutions Market Size Market Share by Technology Route (2027-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Marine Exhaust Gas Solutions Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Main Vessel Types for Ocean Shipping

8.2.2 Vessel Types Sensitive to High Emissions

8.2.3 Vessel Types With High Port Call Frequency

8.2.4 Other

8.3 Market Segment by Application

8.3.1 World Marine Exhaust Gas Solutions Market Size by Application (2021-2026)

8.3.2 World Marine Exhaust Gas Solutions Market Size by Application (2027-2032)

8.3.3 World Marine Exhaust Gas Solutions Market Size Market Share by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 Wärtsilä

9.1.1 Wärtsilä Details

- 9.1.2 Wartsila Major Business
- 9.1.3 Wartsila Marine Exhaust Gas Solutions Product and Services
- 9.1.4 Wartsila Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
- 9.1.5 Wartsila Recent Developments/Updates
- 9.1.6 Wartsila Competitive Strengths & Weaknesses
- 9.2 EcoSpray Technologies
  - 9.2.1 EcoSpray Technologies Details
  - 9.2.2 EcoSpray Technologies Major Business
  - 9.2.3 EcoSpray Technologies Marine Exhaust Gas Solutions Product and Services
  - 9.2.4 EcoSpray Technologies Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
  - 9.2.5 EcoSpray Technologies Recent Developments/Updates
  - 9.2.6 EcoSpray Technologies Competitive Strengths & Weaknesses
- 9.3 Alfa Laval
  - 9.3.1 Alfa Laval Details
  - 9.3.2 Alfa Laval Major Business
  - 9.3.3 Alfa Laval Marine Exhaust Gas Solutions Product and Services
  - 9.3.4 Alfa Laval Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
  - 9.3.5 Alfa Laval Recent Developments/Updates
  - 9.3.6 Alfa Laval Competitive Strengths & Weaknesses
- 9.4 Puyier
  - 9.4.1 Puyier Details
  - 9.4.2 Puyier Major Business
  - 9.4.3 Puyier Marine Exhaust Gas Solutions Product and Services
  - 9.4.4 Puyier Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
  - 9.4.5 Puyier Recent Developments/Updates
  - 9.4.6 Puyier Competitive Strengths & Weaknesses
- 9.5 CR Ocean Engineering
  - 9.5.1 CR Ocean Engineering Details
  - 9.5.2 CR Ocean Engineering Major Business
  - 9.5.3 CR Ocean Engineering Marine Exhaust Gas Solutions Product and Services
  - 9.5.4 CR Ocean Engineering Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
  - 9.5.5 CR Ocean Engineering Recent Developments/Updates
  - 9.5.6 CR Ocean Engineering Competitive Strengths & Weaknesses
- 9.6 Clean Marine

- 9.6.1 Clean Marine Details
- 9.6.2 Clean Marine Major Business
- 9.6.3 Clean Marine Marine Exhaust Gas Solutions Product and Services
- 9.6.4 Clean Marine Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
- 9.6.5 Clean Marine Recent Developments/Updates
- 9.6.6 Clean Marine Competitive Strengths & Weaknesses
- 9.7 Panasia
  - 9.7.1 Panasia Details
  - 9.7.2 Panasia Major Business
  - 9.7.3 Panasia Marine Exhaust Gas Solutions Product and Services
  - 9.7.4 Panasia Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
  - 9.7.5 Panasia Recent Developments/Updates
  - 9.7.6 Panasia Competitive Strengths & Weaknesses
- 9.8 FMSI
  - 9.8.1 FMSI Details
  - 9.8.2 FMSI Major Business
  - 9.8.3 FMSI Marine Exhaust Gas Solutions Product and Services
  - 9.8.4 FMSI Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
  - 9.8.5 FMSI Recent Developments/Updates
  - 9.8.6 FMSI Competitive Strengths & Weaknesses
- 9.9 VDL AEC Maritime
  - 9.9.1 VDL AEC Maritime Details
  - 9.9.2 VDL AEC Maritime Major Business
  - 9.9.3 VDL AEC Maritime Marine Exhaust Gas Solutions Product and Services
  - 9.9.4 VDL AEC Maritime Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
  - 9.9.5 VDL AEC Maritime Recent Developments/Updates
  - 9.9.6 VDL AEC Maritime Competitive Strengths & Weaknesses
- 9.10 Valmet
  - 9.10.1 Valmet Details
  - 9.10.2 Valmet Major Business
  - 9.10.3 Valmet Marine Exhaust Gas Solutions Product and Services
  - 9.10.4 Valmet Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)
  - 9.10.5 Valmet Recent Developments/Updates
  - 9.10.6 Valmet Competitive Strengths & Weaknesses

## 9.11 Langh Tech

9.11.1 Langh Tech Details

9.11.2 Langh Tech Major Business

9.11.3 Langh Tech Marine Exhaust Gas Solutions Product and Services

9.11.4 Langh Tech Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.11.5 Langh Tech Recent Developments/Updates

9.11.6 Langh Tech Competitive Strengths & Weaknesses

## 9.12 Kwansung

9.12.1 Kwansung Details

9.12.2 Kwansung Major Business

9.12.3 Kwansung Marine Exhaust Gas Solutions Product and Services

9.12.4 Kwansung Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.12.5 Kwansung Recent Developments/Updates

9.12.6 Kwansung Competitive Strengths & Weaknesses

## 9.13 Bilfinger Engineering & Technologies GmbH

9.13.1 Bilfinger Engineering & Technologies GmbH Details

9.13.2 Bilfinger Engineering & Technologies GmbH Major Business

9.13.3 Bilfinger Engineering & Technologies GmbH Marine Exhaust Gas Solutions Product and Services

9.13.4 Bilfinger Engineering & Technologies GmbH Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.13.5 Bilfinger Engineering & Technologies GmbH Recent Developments/Updates

9.13.6 Bilfinger Engineering & Technologies GmbH Competitive Strengths & Weaknesses

## 9.14 Pacific Green Technologies

9.14.1 Pacific Green Technologies Details

9.14.2 Pacific Green Technologies Major Business

9.14.3 Pacific Green Technologies Marine Exhaust Gas Solutions Product and Services

9.14.4 Pacific Green Technologies Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.14.5 Pacific Green Technologies Recent Developments/Updates

9.14.6 Pacific Green Technologies Competitive Strengths & Weaknesses

## 9.15 Bluesoul

9.15.1 Bluesoul Details

9.15.2 Bluesoul Major Business

9.15.3 Bluesoul Marine Exhaust Gas Solutions Product and Services

9.15.4 Bluesoul Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.15.5 Bluesoul Recent Developments/Updates

9.15.6 Bluesoul Competitive Strengths & Weaknesses

9.16 Pure Ocean Technology

9.16.1 Pure Ocean Technology Details

9.16.2 Pure Ocean Technology Major Business

9.16.3 Pure Ocean Technology Marine Exhaust Gas Solutions Product and Services

9.16.4 Pure Ocean Technology Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.16.5 Pure Ocean Technology Recent Developments/Updates

9.16.6 Pure Ocean Technology Competitive Strengths & Weaknesses

9.17 Saacke

9.17.1 Saacke Details

9.17.2 Saacke Major Business

9.17.3 Saacke Marine Exhaust Gas Solutions Product and Services

9.17.4 Saacke Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.17.5 Saacke Recent Developments/Updates

9.17.6 Saacke Competitive Strengths & Weaknesses

9.18 Viswa

9.18.1 Viswa Details

9.18.2 Viswa Major Business

9.18.3 Viswa Marine Exhaust Gas Solutions Product and Services

9.18.4 Viswa Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.18.5 Viswa Recent Developments/Updates

9.18.6 Viswa Competitive Strengths & Weaknesses

9.19 Comtocean

9.19.1 Comtocean Details

9.19.2 Comtocean Major Business

9.19.3 Comtocean Marine Exhaust Gas Solutions Product and Services

9.19.4 Comtocean Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026)

9.19.5 Comtocean Recent Developments/Updates

9.19.6 Comtocean Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 Marine Exhaust Gas Solutions Industry Chain
- 10.2 Marine Exhaust Gas Solutions Upstream Analysis
- 10.3 Marine Exhaust Gas Solutions Midstream Analysis
- 10.4 Marine Exhaust Gas Solutions Downstream Analysis

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. World Marine Exhaust Gas Solutions Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Table 2. World Marine Exhaust Gas Solutions Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)
- Table 3. World Marine Exhaust Gas Solutions Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)
- Table 4. World Marine Exhaust Gas Solutions Revenue Market Share by Region (2021-2026), (by Headquarter Location)
- Table 5. World Marine Exhaust Gas Solutions Revenue Market Share by Region (2027-2032), (by Headquarter Location)
- Table 6. Major Market Trends
- Table 7. World Marine Exhaust Gas Solutions Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)
- Table 8. World Marine Exhaust Gas Solutions Consumption Value by Region (2021-2026) & (USD Million)
- Table 9. World Marine Exhaust Gas Solutions Consumption Value Forecast by Region (2027-2032) & (USD Million)
- Table 10. World Marine Exhaust Gas Solutions Revenue by Player (2021-2026) & (USD Million)
- Table 11. Revenue Market Share of Key Marine Exhaust Gas Solutions Players in 2025
- Table 12. World Marine Exhaust Gas Solutions Industry Rank of Major Player, Based on Revenue in 2025
- Table 13. Global Marine Exhaust Gas Solutions Company Evaluation Quadrant
- Table 14. Head Office of Key Marine Exhaust Gas Solutions Players
- Table 15. Marine Exhaust Gas Solutions Market: Company Product Type Footprint
- Table 16. Marine Exhaust Gas Solutions Market: Company Product Application Footprint
- Table 17. Marine Exhaust Gas Solutions Mergers & Acquisitions Activity
- Table 18. United States VS China Marine Exhaust Gas Solutions Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 19. United States VS China Marine Exhaust Gas Solutions Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 20. United States Based Marine Exhaust Gas Solutions Companies, Headquarters (States, Country)
- Table 21. United States Based Companies Marine Exhaust Gas Solutions Revenue,

(2021-2026) & (USD Million)

Table 22. United States Based Companies Marine Exhaust Gas Solutions Revenue Market Share (2021-2026)

Table 23. China Based Marine Exhaust Gas Solutions Companies, Headquarters (Province, Country)

Table 24. China Based Companies Marine Exhaust Gas Solutions Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies Marine Exhaust Gas Solutions Revenue Market Share (2021-2026)

Table 26. Rest of World Based Marine Exhaust Gas Solutions Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies Marine Exhaust Gas Solutions Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies Marine Exhaust Gas Solutions Revenue Market Share (2021-2026)

Table 29. World Marine Exhaust Gas Solutions Market Size by Type, (USD Million), 2021 & 2025 & 2032

Table 30. World Marine Exhaust Gas Solutions Market Size Value by Type (2021-2026) & (USD Million)

Table 31. World Marine Exhaust Gas Solutions Market Size by Type (2027-2032) & (USD Million)

Table 32. World Marine Exhaust Gas Solutions Market Size by Pollutant Control, (USD Million), 2021 & 2025 & 2032

Table 33. World Marine Exhaust Gas Solutions Market Size Value by Pollutant Control (2021-2026) & (USD Million)

Table 34. World Marine Exhaust Gas Solutions Market Size by Pollutant Control (2027-2032) & (USD Million)

Table 35. World Marine Exhaust Gas Solutions Market Size by Technology Route, (USD Million), 2021 & 2025 & 2032

Table 36. World Marine Exhaust Gas Solutions Market Size Value by Technology Route (2021-2026) & (USD Million)

Table 37. World Marine Exhaust Gas Solutions Market Size by Technology Route (2027-2032) & (USD Million)

Table 38. World Marine Exhaust Gas Solutions Market Size by Application, (USD Million), 2021 & 2025 & 2032

Table 39. World Marine Exhaust Gas Solutions Market Size by Application (2021-2026) & (USD Million)

Table 40. World Marine Exhaust Gas Solutions Market Size by Application (2027-2032) & (USD Million)

- Table 41. W?rtsila Basic Information, Manufacturing Base and Competitors
- Table 42. W?rtsila Major Business
- Table 43. W?rtsila Marine Exhaust Gas Solutions Product and Services
- Table 44. W?rtsila Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 45. W?rtsila Recent Developments/Updates
- Table 46. W?rtsila Competitive Strengths & Weaknesses
- Table 47. EcoSpray Technologies Basic Information, Manufacturing Base and Competitors
- Table 48. EcoSpray Technologies Major Business
- Table 49. EcoSpray Technologies Marine Exhaust Gas Solutions Product and Services
- Table 50. EcoSpray Technologies Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 51. EcoSpray Technologies Recent Developments/Updates
- Table 52. EcoSpray Technologies Competitive Strengths & Weaknesses
- Table 53. Alfa Laval Basic Information, Manufacturing Base and Competitors
- Table 54. Alfa Laval Major Business
- Table 55. Alfa Laval Marine Exhaust Gas Solutions Product and Services
- Table 56. Alfa Laval Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 57. Alfa Laval Recent Developments/Updates
- Table 58. Alfa Laval Competitive Strengths & Weaknesses
- Table 59. Puyier Basic Information, Manufacturing Base and Competitors
- Table 60. Puyier Major Business
- Table 61. Puyier Marine Exhaust Gas Solutions Product and Services
- Table 62. Puyier Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 63. Puyier Recent Developments/Updates
- Table 64. Puyier Competitive Strengths & Weaknesses
- Table 65. CR Ocean Engineering Basic Information, Manufacturing Base and Competitors
- Table 66. CR Ocean Engineering Major Business
- Table 67. CR Ocean Engineering Marine Exhaust Gas Solutions Product and Services
- Table 68. CR Ocean Engineering Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 69. CR Ocean Engineering Recent Developments/Updates
- Table 70. CR Ocean Engineering Competitive Strengths & Weaknesses
- Table 71. Clean Marine Basic Information, Manufacturing Base and Competitors
- Table 72. Clean Marine Major Business

Table 73. Clean Marine Marine Exhaust Gas Solutions Product and Services

Table 74. Clean Marine Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 75. Clean Marine Recent Developments/Updates

Table 76. Clean Marine Competitive Strengths & Weaknesses

Table 77. Panasia Basic Information, Manufacturing Base and Competitors

Table 78. Panasia Major Business

Table 79. Panasia Marine Exhaust Gas Solutions Product and Services

Table 80. Panasia Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 81. Panasia Recent Developments/Updates

Table 82. Panasia Competitive Strengths & Weaknesses

Table 83. FMSI Basic Information, Manufacturing Base and Competitors

Table 84. FMSI Major Business

Table 85. FMSI Marine Exhaust Gas Solutions Product and Services

Table 86. FMSI Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 87. FMSI Recent Developments/Updates

Table 88. FMSI Competitive Strengths & Weaknesses

Table 89. VDL AEC Maritime Basic Information, Manufacturing Base and Competitors

Table 90. VDL AEC Maritime Major Business

Table 91. VDL AEC Maritime Marine Exhaust Gas Solutions Product and Services

Table 92. VDL AEC Maritime Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 93. VDL AEC Maritime Recent Developments/Updates

Table 94. VDL AEC Maritime Competitive Strengths & Weaknesses

Table 95. Valmet Basic Information, Manufacturing Base and Competitors

Table 96. Valmet Major Business

Table 97. Valmet Marine Exhaust Gas Solutions Product and Services

Table 98. Valmet Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 99. Valmet Recent Developments/Updates

Table 100. Valmet Competitive Strengths & Weaknesses

Table 101. Langh Tech Basic Information, Manufacturing Base and Competitors

Table 102. Langh Tech Major Business

Table 103. Langh Tech Marine Exhaust Gas Solutions Product and Services

Table 104. Langh Tech Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 105. Langh Tech Recent Developments/Updates

- Table 106. Lanh Tech Competitive Strengths & Weaknesses
- Table 107. Kwansung Basic Information, Manufacturing Base and Competitors
- Table 108. Kwansung Major Business
- Table 109. Kwansung Marine Exhaust Gas Solutions Product and Services
- Table 110. Kwansung Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 111. Kwansung Recent Developments/Updates
- Table 112. Kwansung Competitive Strengths & Weaknesses
- Table 113. Bilfinger Engineering & Technologies GmbH Basic Information, Manufacturing Base and Competitors
- Table 114. Bilfinger Engineering & Technologies GmbH Major Business
- Table 115. Bilfinger Engineering & Technologies GmbH Marine Exhaust Gas Solutions Product and Services
- Table 116. Bilfinger Engineering & Technologies GmbH Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 117. Bilfinger Engineering & Technologies GmbH Recent Developments/Updates
- Table 118. Bilfinger Engineering & Technologies GmbH Competitive Strengths & Weaknesses
- Table 119. Pacific Green Technologies Basic Information, Manufacturing Base and Competitors
- Table 120. Pacific Green Technologies Major Business
- Table 121. Pacific Green Technologies Marine Exhaust Gas Solutions Product and Services
- Table 122. Pacific Green Technologies Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 123. Pacific Green Technologies Recent Developments/Updates
- Table 124. Pacific Green Technologies Competitive Strengths & Weaknesses
- Table 125. Bluesoul Basic Information, Manufacturing Base and Competitors
- Table 126. Bluesoul Major Business
- Table 127. Bluesoul Marine Exhaust Gas Solutions Product and Services
- Table 128. Bluesoul Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 129. Bluesoul Recent Developments/Updates
- Table 130. Bluesoul Competitive Strengths & Weaknesses
- Table 131. Pure Ocean Technology Basic Information, Manufacturing Base and Competitors
- Table 132. Pure Ocean Technology Major Business
- Table 133. Pure Ocean Technology Marine Exhaust Gas Solutions Product and Services

- Table 134. Pure Ocean Technology Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 135. Pure Ocean Technology Recent Developments/Updates
- Table 136. Pure Ocean Technology Competitive Strengths & Weaknesses
- Table 137. Saacke Basic Information, Manufacturing Base and Competitors
- Table 138. Saacke Major Business
- Table 139. Saacke Marine Exhaust Gas Solutions Product and Services
- Table 140. Saacke Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 141. Saacke Recent Developments/Updates
- Table 142. Saacke Competitive Strengths & Weaknesses
- Table 143. Viswa Basic Information, Manufacturing Base and Competitors
- Table 144. Viswa Major Business
- Table 145. Viswa Marine Exhaust Gas Solutions Product and Services
- Table 146. Viswa Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 147. Viswa Recent Developments/Updates
- Table 148. Viswa Competitive Strengths & Weaknesses
- Table 149. Comtocean Basic Information, Manufacturing Base and Competitors
- Table 150. Comtocean Major Business
- Table 151. Comtocean Marine Exhaust Gas Solutions Product and Services
- Table 152. Comtocean Marine Exhaust Gas Solutions Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
- Table 153. Comtocean Recent Developments/Updates
- Table 154. Comtocean Competitive Strengths & Weaknesses
- Table 155. Global Key Players of Marine Exhaust Gas Solutions Upstream (Raw Materials)
- Table 156. Global Marine Exhaust Gas Solutions Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Marine Exhaust Gas Solutions Picture

Figure 2. World Marine Exhaust Gas Solutions Total Revenue: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Marine Exhaust Gas Solutions Total Revenue (2021-2032) & (USD Million)

Figure 4. World Marine Exhaust Gas Solutions Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Figure 5. World Marine Exhaust Gas Solutions Revenue Market Share by Region (2021-2032), (by Headquarter Location)

Figure 6. United States Based Company Marine Exhaust Gas Solutions Revenue (2021-2032) & (USD Million)

Figure 7. China Based Company Marine Exhaust Gas Solutions Revenue (2021-2032) & (USD Million)

Figure 8. Europe Based Company Marine Exhaust Gas Solutions Revenue (2021-2032) & (USD Million)

Figure 9. Japan Based Company Marine Exhaust Gas Solutions Revenue (2021-2032) & (USD Million)

Figure 10. South Korea Based Company Marine Exhaust Gas Solutions Revenue (2021-2032) & (USD Million)

Figure 11. ASEAN Based Company Marine Exhaust Gas Solutions Revenue (2021-2032) & (USD Million)

Figure 12. India Based Company Marine Exhaust Gas Solutions Revenue (2021-2032) & (USD Million)

Figure 13. Marine Exhaust Gas Solutions Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Marine Exhaust Gas Solutions Consumption Value (2021-2032) & (USD Million)

Figure 16. World Marine Exhaust Gas Solutions Consumption Value Market Share by Region (2021-2032)

Figure 17. United States Marine Exhaust Gas Solutions Consumption Value (2021-2032) & (USD Million)

Figure 18. China Marine Exhaust Gas Solutions Consumption Value (2021-2032) & (USD Million)

Figure 19. Europe Marine Exhaust Gas Solutions Consumption Value (2021-2032) & (USD Million)

Figure 20. Japan Marine Exhaust Gas Solutions Consumption Value (2021-2032) & (USD Million)

Figure 21. South Korea Marine Exhaust Gas Solutions Consumption Value (2021-2032) & (USD Million)

Figure 22. ASEAN Marine Exhaust Gas Solutions Consumption Value (2021-2032) & (USD Million)

Figure 23. India Marine Exhaust Gas Solutions Consumption Value (2021-2032) & (USD Million)

Figure 24. Producer Shipments of Marine Exhaust Gas Solutions by Player Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Marine Exhaust Gas Solutions Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Marine Exhaust Gas Solutions Markets in 2025

Figure 27. United States VS China: Marine Exhaust Gas Solutions Revenue Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Marine Exhaust Gas Solutions Consumption Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. World Marine Exhaust Gas Solutions Market Size by Type, (USD Million), 2021 & 2025 & 2032

Figure 30. World Marine Exhaust Gas Solutions Market Size Market Share by Type in 2025

Figure 31. Bypass Type

Figure 32. Integrated Chimney Type

Figure 33. Others

Figure 34. World Marine Exhaust Gas Solutions Market Size Market Share by Type (2021-2032)

Figure 35. World Marine Exhaust Gas Solutions Market Size by Pollutant Control, (USD Million), 2021 & 2025 & 2032

Figure 36. World Marine Exhaust Gas Solutions Market Size Market Share by Pollutant Control in 2025

Figure 37. Washing Water Treatment

Figure 38. SO<sub>x</sub> Emission Reduction

Figure 39. Others

Figure 40. World Marine Exhaust Gas Solutions Market Size Market Share by Pollutant Control (2021-2032)

Figure 41. World Marine Exhaust Gas Solutions Market Size by Technology Route, (USD Million), 2021 & 2025 & 2032

Figure 42. World Marine Exhaust Gas Solutions Market Size Market Share by

Technology Route in 2025

Figure 43. Wet Washing

Figure 44. Dry Absorption

Figure 45. Others

Figure 46. World Marine Exhaust Gas Solutions Market Size Market Share by Technology Route (2021-2032)

Figure 47. World Marine Exhaust Gas Solutions Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 48. World Marine Exhaust Gas Solutions Market Size Market Share by Application in 2025

Figure 49. Main Vessel Types for Ocean Shipping

Figure 50. Vessel Types Sensitive to High Emissions

Figure 51. Vessel Types With High Port Call Frequency

Figure 52. Other

Figure 53. World Marine Exhaust Gas Solutions Market Size Market Share by Application (2021-2032)

Figure 54. Marine Exhaust Gas Solutions Industrial Chain

Figure 55. Methodology

Figure 56. Research Process and Data Source

## I would like to order

Product name: Global Marine Exhaust Gas Solutions Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G6E64E5ADEF7EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6E64E5ADEF7EN.html>