

Global Ballast water treatment Market Size study, by Technology (Physical disinfection, Mechanical method, Chemical method) by Capacity (Less than 1,500 m³, 1,500-5,000 m³, More than 5,000 m³) by Service (Installation and calibration, Performance measurement, Recommissioning) by Ship type (Containers ships, Dry bulk carriers, Tankers, General cargo, Others) and Regional Forecasts 2021-2027

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Abstracts

Global Ballast water treatment Market is valued approximately USD 63.1 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 37.19% over the forecast period 2021-2027. Ballast water maintains the ships' strength and control. The ballast water treatment system was created with the help of many technologies in order to reduce contamination of the marine ecology. The purification and sanitation of ballast water is accomplished with this technology. The growing emphasis on protecting the marine ecology from contaminants and other dangerous species is pushing the development of ballast water treatment systems. Another element driving the market growth is the USCG and IMO's tight regulations requiring its use. The need to reduce ship instability and anomalous movement as the volume of seaborne trade grows, as well as a growing focus on protecting the marine ecology from pollution, are driving the ballast water treatment industry forward. The International Maritime Organization (IMO) had also put in place the 'International Convention for Control and Management of Ships' Bilge Water and Sediments' to limit ballast groundwater recharge and decrease the possibility of non-native organisms being introduced into the environment. As a result, government officials' increased focus on protecting the marine environment by regulating ballast water outflow which is expected to boost the worldwide ballast water

treatment market over forecast timeframes. However, ballast water treatment profitability is hampered by the storage of by-products formed after ballast water purification, which results in a toxic environment due to pollution. Ballast water treatment market share is also hampered by a shortage of experienced labor for its sophisticated functioning. Also, the progress of decontamination technology, as well as the optimization of resource use and vessel operation ease, have opened up new avenues for the ballast water treatment business.

Due to the existence of a high number of container terminals for the commerce of motor vehicles, lubricants and chemicals, electrical equipment, and devices in the region, Asia Pacific held a significant proportion of the worldwide ballast water treatment market in 2018. Trading takes place aboard a variety of boats, including containers, refineries, and other freighters. Ballast water treatment systems are now required by the International Maritime Organization (IMO). Mostly during forecast timeframe, this factor is expected to boost the ballast water treatment market growth in the region. Asia Pacific is the most popular region in terms of market value, followed by North America. Ballast water treatment is on the rise in North America owing to supportive regulations and a growing focus on environmental preservation.

Major market player included in this report are:

Wartsila Corporation
Xylem Inc.
Evoqua Water Technologies LLC
Calgon Carbon Corporation
Ecochlor, Inc.
Veolia Environment S.A.
Alfa Laval AB
Trojan Marinex
Mitsubishi Heavy Industries, Ltd.
atg UV Technology

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key

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

ByTechnology:

Physical disinfection

Mechanical method

Chemical method

ByCapacity:

Less than 1,500 m³

1,500-5,000 m³

More than 5,000 m³

By Service:

Installation and calibration

Performance measurement

Recommissioning

By Ship type:

Containers ships

Dry bulk carriers

Tankers

General cargo

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global Ballast water treatment Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Ballast Water Treatment Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Ballast Water Treatment Market, by Technology, 2019-2027 (USD Billion)
 - 1.2.3. Ballast Water Treatment Market, by Capacity, 2019-2027 (USD Billion)
 - 1.2.4. Ballast Water Treatment Market, by Service, 2019-2027 (USD Billion)
 - 1.2.5. Ballast Water Treatment Market, by Ship Type, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BALLAST WATER TREATMENT MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL BALLAST WATER TREATMENT MARKET DYNAMICS

- 3.1. Ballast Water Treatment Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing emphasis on protecting the marine ecology
 - 3.1.1.2. Increasing government regulations
 - 3.1.2. Market Challenges
 - 3.1.2.1. Shortage of by-products
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Optimization of resources

CHAPTER 4. GLOBAL BALLAST WATER TREATMENT MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BALLAST WATER TREATMENT MARKET, BY TECHNOLOGY

- 5.1. Market Snapshot
- 5.2. Global Ballast Water Treatment Market by Technology, Performance - Potential Analysis
- 5.3. Global Ballast Water Treatment Market Estimates & Forecasts by Technology 2018-2027 (USD Billion)
- 5.4. Ballast Water Treatment Market, Sub Segment Analysis
 - 5.4.1. Physical disinfection
 - 5.4.2. Mechanical method
 - 5.4.3. Chemical method

CHAPTER 6. GLOBAL BALLAST WATER TREATMENT MARKET, BY CAPACITY

- 6.1. Market Snapshot
- 6.2. Global Ballast Water Treatment Market by Capacity, Performance - Potential Analysis
- 6.3. Global Ballast Water Treatment Market Estimates & Forecasts by Capacity 2018-2027 (USD Billion)
- 6.4. Ballast Water Treatment Market, Sub Segment Analysis
 - 6.4.1. Less than 1,500 m3
 - 6.4.2. 1,500-5000 m3
 - 6.4.3. More than 5,000 m3

CHAPTER 7. GLOBAL BALLAST WATER TREATMENT MARKET, BY SERVICE

- 7.1. Market Snapshot
- 7.2. Global Ballast Water Treatment Market by Service, Performance - Potential Analysis
- 7.3. Global Ballast Water Treatment Market Estimates & Forecasts by Service 2018-2027 (USD Billion)
- 7.4. Ballast Water Treatment Market, Sub Segment Analysis
 - 7.4.1. Installation and calibration
 - 7.4.2. Performance measurement
 - 7.4.3. Recommissioning

CHAPTER 8. GLOBAL BALLAST WATER TREATMENT MARKET, BY SHIP TYPE

- 8.1. Market Snapshot
- 8.2. Global Ballast Water Treatment Market by Ship type , Performance - Potential Analysis
- 8.3. Global Ballast Water Treatment Market Estimates & Forecasts by Ship type 2018-2027 (USD Billion)
- 8.4. Ballast Water Treatment Market, Sub Segment Analysis
 - 8.4.1. Container ships
 - 8.4.2. Dry bulk carriers
 - 8.4.3. Tankers
 - 8.4.4. General cargos
 - 8.4.5. Others

CHAPTER 9. GLOBAL BALLAST WATER TREATMENT MARKET, REGIONAL ANALYSIS

- 9.1. Ballast Water Treatment Market, Regional Market Snapshot
- 9.2. North America Ballast Water Treatment Market
 - 9.2.1. U.S.Ballast Water Treatment Market
 - 9.2.1.1. Technologybreakdown estimates & forecasts, 2018-2027
 - 9.2.1.2. Capacitybreakdown estimates & forecasts, 2018-2027
 - 9.2.1.3. Service breakdown estimates & forecasts, 2018-2027
 - 9.2.1.4. Ship Type breakdown estimates & forecasts, 2018-2027
 - 9.2.2. CanadaBallast Water Treatment Market
- 9.3. Europe Ballast Water Treatment Market Snapshot

- 9.3.1. U.K. Ballast Water Treatment Market
- 9.3.2. Germany Ballast Water Treatment Market
- 9.3.3. France Ballast Water Treatment Market
- 9.3.4. Spain Ballast Water Treatment Market
- 9.3.5. Italy Ballast Water Treatment Market
- 9.3.6. Rest of Europe Ballast Water Treatment Market
- 9.4. Asia-Pacific Ballast Water Treatment Market Snapshot
 - 9.4.1. China Ballast Water Treatment Market
 - 9.4.2. India Ballast Water Treatment Market
 - 9.4.3. Japan Ballast Water Treatment Market
 - 9.4.4. Australia Ballast Water Treatment Market
 - 9.4.5. South Korea Ballast Water Treatment Market
 - 9.4.6. Rest of Asia Pacific Ballast Water Treatment Market
- 9.5. Latin America Ballast Water Treatment Market Snapshot
 - 9.5.1. Brazil Ballast Water Treatment Market
 - 9.5.2. Mexico Ballast Water Treatment Market
- 9.6. Rest of The World Ballast Water Treatment Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Wartsila Corporation
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Xylem Inc.
 - 10.2.3. Evoqua Water Technologies LLC
 - 10.2.4. Calgon Carbon Corporation
 - 10.2.5. Ecochlor, Inc.
 - 10.2.6. Veolia Environment S.A.
 - 10.2.7. Alfa Laval AB
 - 10.2.8. Trojan Marinex
 - 10.2.9. Mitsubishi Heavy Industries, Ltd.
 - 10.2.10. Atg UV Technologies

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process

11.1.1. Data Mining

11.1.2. Analysis

11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Ballast Water Treatment market, report scope

TABLE 2. Global Ballast Water Treatment market estimates & forecasts by Region 2018-2027 (USDBillion)

TABLE 3. Global Ballast Water Treatment market estimates & forecasts byTechnology2018-2027 (USDBillion)

TABLE 4. Global Ballast Water Treatment market estimates & forecasts byCapacity2018-2027 (USDBillion)

TABLE 5. Global Ballast Water Treatment market estimates & forecasts by Service 2018-2027 (USDBillion)

TABLE 6. Global Ballast Water Treatment market estimates & forecasts by Ship Type 2018-2027 (USDBillion)

TABLE 7. Global Ballast Water Treatment market by segment, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 8. Global Ballast Water Treatment market by region, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 9. Global Ballast Water Treatment market by segment, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 10. Global Ballast Water Treatment market by region, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 11. Global Ballast Water Treatment market by segment, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 12. Global Ballast Water Treatment market by region, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 13. Global Ballast Water Treatment market by segment, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 14. Global Ballast Water Treatment market by region, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 15. Global Ballast Water Treatment market by segment, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 16. Global Ballast Water Treatment market by region, estimates & forecasts, 2018-2027 (USDBillion)

TABLE 17. U.S. Ballast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 18. U.S. Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 19. U.S. Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 20. Canada Ballast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 21. Canada Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 22. Canada Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 23. UKBallast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 24. UKBallast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 25. UKBallast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 26. Germany Ballast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 27. Germany Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 28. Germany Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 29. RoEBallast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 30. RoEBallast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 31. RoEBallast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 32. China Ballast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 33. China Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 34. China Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 35. India Ballast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 36. India Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 37. India Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 38. Japan Ballast Water Treatment market estimates & forecasts, 2018-2027

(USDBillion)

TABLE 39. Japan Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 40. Japan Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 41. RoAPACBallast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 42. RoAPACBallast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 43. RoAPACBallast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 44. Brazil Ballast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 45. Brazil Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 46. Brazil Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 47. Mexico Ballast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 48. Mexico Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 49. Mexico Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 50. RoLABallast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 51. RoLABallast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 52. RoLABallast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 53. Row Ballast Water Treatment market estimates & forecasts, 2018-2027 (USDBillion)

TABLE 54. Row Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 55. Row Ballast Water Treatment market estimates & forecasts by segment 2018-2027 (USDBillion)

TABLE 56. List of secondary sources, used in the study of global Ballast Water Treatment market

TABLE 57. List of primary sources, used in the study of global Ballast Water Treatment market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Ballast Water Treatment market, research methodology
- FIG 2. Global Ballast Water Treatment market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Ballast Water Treatment market, key trends 2020
- FIG 5. Global Ballast Water Treatment market, growth prospects 2021-2027
- FIG 6. Global Ballast Water Treatment market, porters 5 force model
- FIG 7. Global Ballast Water Treatment market, pest analysis
- FIG 8. Global Ballast Water Treatment market, value chain analysis
- FIG 9. Global Ballast Water Treatment market by segment, 2018& 2027 (USDBillion)
- FIG 10. Global Ballast Water Treatment market by segment, 2018& 2027 (USDBillion)
- FIG 11. Global Ballast Water Treatment market by segment, 2018& 2027 (USDBillion)
- FIG 12. Global Ballast Water Treatment market by segment, 2018& 2027 (USDBillion)
- FIG 13. Global Ballast Water Treatment market by segment, 2018& 2027 (USDBillion)
- FIG 14. Global Ballast Water Treatment market, regional snapshot 2018& 2027
- FIG 15. North America Ballast Water Treatment market2018& 2027 (USDBillion)
- FIG 16. Europe Ballast Water Treatment market2018& 2027 (USDBillion)
- FIG 17. Asia pacific Ballast Water Treatment market2018& 2027 (USDBillion)
- FIG 18. Latin America Ballast Water Treatment market2018& 2027 (USDBillion)
- FIG 19. Global Ballast Water Treatment market, company market share analysis (2020)

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