

Single-Walled CNTs Industry Research Report 2023

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Abstracts

Highlights

The global Single-Walled CNTs market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

North American market for Single-Walled CNTs is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Asia-Pacific market for Single-Walled CNTs is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

The major global companies of Single-Walled CNTs include OCSiAl, Zeon Nano Technology, Nano-C, Inc, Meijo Nano Carbon, Raymor, Chasm Advanced Materials and Timesnano, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for Single-Walled CNTs in Energy (cathode/anodes) is estimated to increase from \$ million in 2022 to \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, Above 80% purity, which accounted for % of the global market of Single-Walled CNTs in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2023 to 2029.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Single-Walled CNTs, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Single-Walled CNTs.

The Single-Walled CNTs market size, estimations, and forecasts are provided in terms of output/shipments (Kg) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Single-Walled CNTs market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Single-Walled CNTs manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

OCSiAI

Zeon Nano Technology

Nano-C, Inc

Meijo Nano Carbon

Raymor

Chasm Advanced Materials

Timesnano

Product Type Insights

Global markets are presented by Single-Walled CNTs type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Single-Walled CNTs are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

Single-Walled CNTs segment by Type

Above 80% purity

Above 90% purity

Above 95% purity

Others

Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Single-Walled CNTs market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Single-Walled CNTs market.

Single-Walled CNTs segment by Application

Energy (cathode/anodes)

Elastomers (tyres and industrial rubbers)

Composites

Coatings

Others

Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Single-Walled CNTs market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Single-Walled CNTs market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Single-Walled CNTs and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Single-Walled CNTs industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Single-Walled CNTs.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Single-Walled CNTs manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Single-Walled CNTs by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Single-Walled CNTs in regional level and country level. It provides a quantitative analysis of the market size and development potential of each

region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Single-Walled CNTs by Type
 - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
 - 1.2.2 Above 80% purity
 - 1.2.3 Above 90% purity
 - 1.2.4 Above 95% purity
 - 1.2.5 Others
- 2.3 Single-Walled CNTs by Application
 - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
 - 2.3.2 Energy (cathode/anodes)
 - 2.3.3 Elastomers (tyres and industrial rubbers)
 - 2.3.4 Composites
 - 2.3.5 Coatings
 - 2.3.6 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Single-Walled CNTs Production Value Estimates and Forecasts (2018-2029)
 - 2.4.2 Global Single-Walled CNTs Production Capacity Estimates and Forecasts (2018-2029)
 - 2.4.3 Global Single-Walled CNTs Production Estimates and Forecasts (2018-2029)
 - 2.4.4 Global Single-Walled CNTs Market Average Price (2018-2029)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Single-Walled CNTs Production by Manufacturers (2018-2023)
- 3.2 Global Single-Walled CNTs Production Value by Manufacturers (2018-2023)
- 3.3 Global Single-Walled CNTs Average Price by Manufacturers (2018-2023)
- 3.4 Global Single-Walled CNTs Industry Manufacturers Ranking, 2021 VS 2022 VS 2023
- 3.5 Global Single-Walled CNTs Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Single-Walled CNTs Manufacturers, Product Type & Application
- 3.7 Global Single-Walled CNTs Manufacturers, Date of Enter into This Industry
- 3.8 Global Single-Walled CNTs Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 OCSiAl

- 4.1.1 OCSiAl Single-Walled CNTs Company Information
- 4.1.2 OCSiAl Single-Walled CNTs Business Overview
- 4.1.3 OCSiAl Single-Walled CNTs Production Capacity, Value and Gross Margin (2018-2023)
- 4.1.4 OCSiAl Product Portfolio
- 4.1.5 OCSiAl Recent Developments

4.2 Zeon Nano Technology

- 4.2.1 Zeon Nano Technology Single-Walled CNTs Company Information
- 4.2.2 Zeon Nano Technology Single-Walled CNTs Business Overview
- 4.2.3 Zeon Nano Technology Single-Walled CNTs Production Capacity, Value and Gross Margin (2018-2023)
- 4.2.4 Zeon Nano Technology Product Portfolio
- 4.2.5 Zeon Nano Technology Recent Developments

4.3 Nano-C, Inc

- 4.3.1 Nano-C, Inc Single-Walled CNTs Company Information
- 4.3.2 Nano-C, Inc Single-Walled CNTs Business Overview
- 4.3.3 Nano-C, Inc Single-Walled CNTs Production Capacity, Value and Gross Margin (2018-2023)
- 4.3.4 Nano-C, Inc Product Portfolio
- 4.3.5 Nano-C, Inc Recent Developments

4.4 Meijo Nano Carbon

- 4.4.1 Meijo Nano Carbon Single-Walled CNTs Company Information
- 4.4.2 Meijo Nano Carbon Single-Walled CNTs Business Overview
- 4.4.3 Meijo Nano Carbon Single-Walled CNTs Production Capacity, Value and Gross

Margin (2018-2023)

4.4.4 Meijo Nano Carbon Product Portfolio

4.4.5 Meijo Nano Carbon Recent Developments

4.5 Raymor

4.5.1 Raymor Single-Walled CNTs Company Information

4.5.2 Raymor Single-Walled CNTs Business Overview

4.5.3 Raymor Single-Walled CNTs Production Capacity, Value and Gross Margin (2018-2023)

4.5.4 Raymor Product Portfolio

4.5.5 Raymor Recent Developments

4.6 Chasm Advanced Materials

4.6.1 Chasm Advanced Materials Single-Walled CNTs Company Information

4.6.2 Chasm Advanced Materials Single-Walled CNTs Business Overview

4.6.3 Chasm Advanced Materials Single-Walled CNTs Production Capacity, Value and Gross Margin (2018-2023)

4.6.4 Chasm Advanced Materials Product Portfolio

4.6.5 Chasm Advanced Materials Recent Developments

4.7 Timesnano

4.7.1 Timesnano Single-Walled CNTs Company Information

4.7.2 Timesnano Single-Walled CNTs Business Overview

4.7.3 Timesnano Single-Walled CNTs Production Capacity, Value and Gross Margin (2018-2023)

4.7.4 Timesnano Product Portfolio

4.7.5 Timesnano Recent Developments

5 GLOBAL SINGLE-WALLED CNTS PRODUCTION BY REGION

5.1 Global Single-Walled CNTs Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.2 Global Single-Walled CNTs Production by Region: 2018-2029

5.2.1 Global Single-Walled CNTs Production by Region: 2018-2023

5.2.2 Global Single-Walled CNTs Production Forecast by Region (2024-2029)

5.3 Global Single-Walled CNTs Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.4 Global Single-Walled CNTs Production Value by Region: 2018-2029

5.4.1 Global Single-Walled CNTs Production Value by Region: 2018-2023

5.4.2 Global Single-Walled CNTs Production Value Forecast by Region (2024-2029)

5.5 Global Single-Walled CNTs Market Price Analysis by Region (2018-2023)

5.6 Global Single-Walled CNTs Production and Value, YOY Growth

5.6.1 North America Single-Walled CNTs Production Value Estimates and Forecasts (2018-2029)

5.6.2 Europe Single-Walled CNTs Production Value Estimates and Forecasts (2018-2029)

5.6.3 China Single-Walled CNTs Production Value Estimates and Forecasts (2018-2029)

5.6.4 Japan Single-Walled CNTs Production Value Estimates and Forecasts (2018-2029)

6 GLOBAL SINGLE-WALLED CNTS CONSUMPTION BY REGION

6.1 Global Single-Walled CNTs Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

6.2 Global Single-Walled CNTs Consumption by Region (2018-2029)

6.2.1 Global Single-Walled CNTs Consumption by Region: 2018-2029

6.2.2 Global Single-Walled CNTs Forecasted Consumption by Region (2024-2029)

6.3 North America

6.3.1 North America Single-Walled CNTs Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.3.2 North America Single-Walled CNTs Consumption by Country (2018-2029)

6.3.3 United States

6.3.4 Canada

6.4 Europe

6.4.1 Europe Single-Walled CNTs Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe Single-Walled CNTs Consumption by Country (2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Single-Walled CNTs Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific Single-Walled CNTs Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Single-Walled CNTs Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa Single-Walled CNTs Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Single-Walled CNTs Production by Type (2018-2029)

7.1.1 Global Single-Walled CNTs Production by Type (2018-2029) & (Kg)

7.1.2 Global Single-Walled CNTs Production Market Share by Type (2018-2029)

7.2 Global Single-Walled CNTs Production Value by Type (2018-2029)

7.2.1 Global Single-Walled CNTs Production Value by Type (2018-2029) & (US\$ Million)

7.2.2 Global Single-Walled CNTs Production Value Market Share by Type (2018-2029)

7.3 Global Single-Walled CNTs Price by Type (2018-2029)

8 SEGMENT BY APPLICATION

8.1 Global Single-Walled CNTs Production by Application (2018-2029)

8.1.1 Global Single-Walled CNTs Production by Application (2018-2029) & (Kg)

8.1.2 Global Single-Walled CNTs Production by Application (2018-2029) & (Kg)

8.2 Global Single-Walled CNTs Production Value by Application (2018-2029)

8.2.1 Global Single-Walled CNTs Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global Single-Walled CNTs Production Value Market Share by Application (2018-2029)

8.3 Global Single-Walled CNTs Price by Application (2018-2029)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 Single-Walled CNTs Value Chain Analysis

- 9.1.1 Single-Walled CNTs Key Raw Materials
- 9.1.2 Raw Materials Key Suppliers
- 9.1.3 Single-Walled CNTs Production Mode & Process
- 9.2 Single-Walled CNTs Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Single-Walled CNTs Distributors
 - 9.2.3 Single-Walled CNTs Customers

10 GLOBAL SINGLE-WALLED CNTS ANALYZING MARKET DYNAMICS

- 10.1 Single-Walled CNTs Industry Trends
- 10.2 Single-Walled CNTs Industry Drivers
- 10.3 Single-Walled CNTs Industry Opportunities and Challenges
- 10.4 Single-Walled CNTs Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

List Of Tables

LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Single-Walled CNTs Production by Manufacturers (Kg) & (2018-2023)

Table 6. Global Single-Walled CNTs Production Market Share by Manufacturers

Table 7. Global Single-Walled CNTs Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Single-Walled CNTs Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Single-Walled CNTs Average Price (US\$/Kg) of Key Manufacturers (2018-2023)

Table 10. Global Single-Walled CNTs Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Single-Walled CNTs Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Single-Walled CNTs by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. OCSiAl Single-Walled CNTs Company Information

Table 16. OCSiAl Business Overview

Table 17. OCSiAl Single-Walled CNTs Production Capacity (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 18. OCSiAl Product Portfolio

Table 19. OCSiAl Recent Developments

Table 20. Zeon Nano Technology Single-Walled CNTs Company Information

Table 21. Zeon Nano Technology Business Overview

Table 22. Zeon Nano Technology Single-Walled CNTs Production Capacity (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 23. Zeon Nano Technology Product Portfolio

Table 24. Zeon Nano Technology Recent Developments

Table 25. Nano-C, Inc Single-Walled CNTs Company Information

Table 26. Nano-C, Inc Business Overview

Table 27. Nano-C, Inc Single-Walled CNTs Production Capacity (Kg), Value (US\$

Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 28. Nano-C, Inc Product Portfolio

Table 29. Nano-C, Inc Recent Developments

Table 30. Meijo Nano Carbon Single-Walled CNTs Company Information

Table 31. Meijo Nano Carbon Business Overview

Table 32. Meijo Nano Carbon Single-Walled CNTs Production Capacity (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 33. Meijo Nano Carbon Product Portfolio

Table 34. Meijo Nano Carbon Recent Developments

Table 35. Raymor Single-Walled CNTs Company Information

Table 36. Raymor Business Overview

Table 37. Raymor Single-Walled CNTs Production Capacity (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 38. Raymor Product Portfolio

Table 39. Raymor Recent Developments

Table 40. Chasm Advanced Materials Single-Walled CNTs Company Information

Table 41. Chasm Advanced Materials Business Overview

Table 42. Chasm Advanced Materials Single-Walled CNTs Production Capacity (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 43. Chasm Advanced Materials Product Portfolio

Table 44. Chasm Advanced Materials Recent Developments

Table 45. Timesnano Single-Walled CNTs Company Information

Table 46. Timesnano Business Overview

Table 47. Timesnano Single-Walled CNTs Production Capacity (Kg), Value (US\$ Million), Price (US\$/Kg) and Gross Margin (2018-2023)

Table 48. Timesnano Product Portfolio

Table 49. Timesnano Recent Developments

Table 50. Global Single-Walled CNTs Production Comparison by Region: 2018 VS 2022 VS 2029 (Kg)

Table 51. Global Single-Walled CNTs Production by Region (2018-2023) & (Kg)

Table 52. Global Single-Walled CNTs Production Market Share by Region (2018-2023)

Table 53. Global Single-Walled CNTs Production Forecast by Region (2024-2029) & (Kg)

Table 54. Global Single-Walled CNTs Production Market Share Forecast by Region (2024-2029)

Table 55. Global Single-Walled CNTs Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 56. Global Single-Walled CNTs Production Value by Region (2018-2023) & (US\$ Million)

Table 57. Global Single-Walled CNTs Production Value Market Share by Region (2018-2023)

Table 58. Global Single-Walled CNTs Production Value Forecast by Region (2024-2029) & (US\$ Million)

Table 59. Global Single-Walled CNTs Production Value Market Share Forecast by Region (2024-2029)

Table 60. Global Single-Walled CNTs Market Average Price (US\$/Kg) by Region (2018-2023)

Table 61. Global Single-Walled CNTs Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Kg)

Table 62. Global Single-Walled CNTs Consumption by Region (2018-2023) & (Kg)

Table 63. Global Single-Walled CNTs Consumption Market Share by Region (2018-2023)

Table 64. Global Single-Walled CNTs Forecasted Consumption by Region (2024-2029) & (Kg)

Table 65. Global Single-Walled CNTs Forecasted Consumption Market Share by Region (2024-2029)

Table 66. North America Single-Walled CNTs Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kg)

Table 67. North America Single-Walled CNTs Consumption by Country (2018-2023) & (Kg)

Table 68. North America Single-Walled CNTs Consumption by Country (2024-2029) & (Kg)

Table 69. Europe Single-Walled CNTs Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kg)

Table 70. Europe Single-Walled CNTs Consumption by Country (2018-2023) & (Kg)

Table 71. Europe Single-Walled CNTs Consumption by Country (2024-2029) & (Kg)

Table 72. Asia Pacific Single-Walled CNTs Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kg)

Table 73. Asia Pacific Single-Walled CNTs Consumption by Country (2018-2023) & (Kg)

Table 74. Asia Pacific Single-Walled CNTs Consumption by Country (2024-2029) & (Kg)

Table 75. Latin America, Middle East & Africa Single-Walled CNTs Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Kg)

Table 76. Latin America, Middle East & Africa Single-Walled CNTs Consumption by Country (2018-2023) & (Kg)

Table 77. Latin America, Middle East & Africa Single-Walled CNTs Consumption by Country (2024-2029) & (Kg)

- Table 78. Global Single-Walled CNTs Production by Type (2018-2023) & (Kg)
- Table 79. Global Single-Walled CNTs Production by Type (2024-2029) & (Kg)
- Table 80. Global Single-Walled CNTs Production Market Share by Type (2018-2023)
- Table 81. Global Single-Walled CNTs Production Market Share by Type (2024-2029)
- Table 82. Global Single-Walled CNTs Production Value by Type (2018-2023) & (US\$ Million)
- Table 83. Global Single-Walled CNTs Production Value by Type (2024-2029) & (US\$ Million)
- Table 84. Global Single-Walled CNTs Production Value Market Share by Type (2018-2023)
- Table 85. Global Single-Walled CNTs Production Value Market Share by Type (2024-2029)
- Table 86. Global Single-Walled CNTs Price by Type (2018-2023) & (US\$/Kg)
- Table 87. Global Single-Walled CNTs Price by Type (2024-2029) & (US\$/Kg)
- Table 88. Global Single-Walled CNTs Production by Application (2018-2023) & (Kg)
- Table 89. Global Single-Walled CNTs Production by Application (2024-2029) & (Kg)
- Table 90. Global Single-Walled CNTs Production Market Share by Application (2018-2023)
- Table 91. Global Single-Walled CNTs Production Market Share by Application (2024-2029)
- Table 92. Global Single-Walled CNTs Production Value by Application (2018-2023) & (US\$ Million)
- Table 93. Global Single-Walled CNTs Production Value by Application (2024-2029) & (US\$ Million)
- Table 94. Global Single-Walled CNTs Production Value Market Share by Application (2018-2023)
- Table 95. Global Single-Walled CNTs Production Value Market Share by Application (2024-2029)
- Table 96. Global Single-Walled CNTs Price by Application (2018-2023) & (US\$/Kg)
- Table 97. Global Single-Walled CNTs Price by Application (2024-2029) & (US\$/Kg)
- Table 98. Key Raw Materials
- Table 99. Raw Materials Key Suppliers
- Table 100. Single-Walled CNTs Distributors List
- Table 101. Single-Walled CNTs Customers List
- Table 102. Single-Walled CNTs Industry Trends
- Table 103. Single-Walled CNTs Industry Drivers
- Table 104. Single-Walled CNTs Industry Restraints
- Table 105. Authors List of This Report

List Of Figures

LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Single-Walled CNTs Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. Above 80% purity Product Picture

Figure 7. Above 90% purity Product Picture

Figure 8. Above 95% purity Product Picture

Figure 9. Others Product Picture

Figure 10. Energy (cathode/anodes) Product Picture

Figure 11. Elastomers (tyres and industrial rubbers) Product Picture

Figure 12. Composites Product Picture

Figure 13. Coatings Product Picture

Figure 14. Others Product Picture

Figure . Global Single-Walled CNTs Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 1. Global Single-Walled CNTs Production Value (2018-2029) & (US\$ Million)

Figure 2. Global Single-Walled CNTs Production Capacity (2018-2029) & (Kg)

Figure 3. Global Single-Walled CNTs Production (2018-2029) & (Kg)

Figure 4. Global Single-Walled CNTs Average Price (US\$/Kg) & (2018-2029)

Figure 5. Global Single-Walled CNTs Key Manufacturers, Manufacturing Sites & Headquarters

Figure 6. Global Single-Walled CNTs Manufacturers, Date of Enter into This Industry

Figure 7. Global Top 5 and 10 Single-Walled CNTs Players Market Share by Production Value in 2022

Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 9. Global Single-Walled CNTs Production Comparison by Region: 2018 VS 2022 VS 2029 (Kg)

Figure 10. Global Single-Walled CNTs Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 11. Global Single-Walled CNTs Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 12. Global Single-Walled CNTs Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 13. North America Single-Walled CNTs Production Value (US\$ Million) Growth

Rate (2018-2029)

Figure 14. Europe Single-Walled CNTs Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 15. China Single-Walled CNTs Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 16. Japan Single-Walled CNTs Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 17. Global Single-Walled CNTs Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Kg)

Figure 18. Global Single-Walled CNTs Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 19. North America Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 20. North America Single-Walled CNTs Consumption Market Share by Country (2018-2029)

Figure 21. United States Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 22. Canada Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 23. Europe Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 24. Europe Single-Walled CNTs Consumption Market Share by Country (2018-2029)

Figure 25. Germany Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 26. France Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 27. U.K. Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 28. Italy Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 29. Netherlands Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 30. Asia Pacific Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 31. Asia Pacific Single-Walled CNTs Consumption Market Share by Country (2018-2029)

Figure 32. China Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

Figure 33. Japan Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)

- Figure 34. South Korea Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 35. China Taiwan Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 36. Southeast Asia Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 37. India Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 38. Australia Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 39. Latin America, Middle East & Africa Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 40. Latin America, Middle East & Africa Single-Walled CNTs Consumption Market Share by Country (2018-2029)
- Figure 41. Mexico Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 42. Brazil Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 43. Turkey Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 44. GCC Countries Single-Walled CNTs Consumption and Growth Rate (2018-2029) & (Kg)
- Figure 45. Global Single-Walled CNTs Production Market Share by Type (2018-2029)
- Figure 46. Global Single-Walled CNTs Production Value Market Share by Type (2018-2029)
- Figure 47. Global Single-Walled CNTs Price (US\$/Kg) by Type (2018-2029)
- Figure 48. Global Single-Walled CNTs Production Market Share by Application (2018-2029)
- Figure 49. Global Single-Walled CNTs Production Value Market Share by Application (2018-2029)
- Figure 50. Global Single-Walled CNTs Price (US\$/Kg) by Application (2018-2029)
- Figure 51. Single-Walled CNTs Value Chain
- Figure 52. Single-Walled CNTs Production Mode & Process
- Figure 53. Direct Comparison with Distribution Share
- Figure 54. Distributors Profiles
- Figure 55. Single-Walled CNTs Industry Opportunities and Challenges

Highlights

The global Single-Walled CNTs market is projected to reach US\$ million by 2028 from

an estimated US\$ million in 2022, at a CAGR of % during 2024 and 2029.

North American market for Single-Walled CNTs is estimated to increase from \$ million in 2022 to reach \$ million by 2028, at a CAGR of % during the forecast period of 2023 through 2028.

Asia-Pacific market for Single-Walled CNTs is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

The major global companies of Single-Walled CNTs include OCSiAl, Zeon Nano Technology, Nano-C, Inc, Meijo Nano Carbon, Raymor, Chasm Advanced Materials and Timesnano, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for Single-Walled CNTs in Energy (cathode/anodes) is estimated to increase from \$ million in 2023 to \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, Above 80% purity, which accounted for % of the global market of Single-Walled CNTs in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2023 to 2029.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Single-Walled CNTs, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Single-Walled CNTs.

The Single-Walled CNTs market size, estimations, and forecasts are provided in terms of output/shipments (Kg) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Single-Walled CNTs market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Single-Walled CNTs manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2017-2022. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

OCSiAl

Zeon Nano Technology

Nano-C, Inc

Meijo Nano Carbon

Raymor

Chasm Advanced Materials

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