

Global Nuclear Waste Management Market 2020-2027 by Waste Type (LLW, ILW, HLW), Source (Nuclear Fuel Cycle, Research, Military), Reactor Type (PWR, BWR, PHWR, HTGCR, LMFBR), and Region: Trend Outlook and Growth Opportunity

https://marketpublishers.com/r/G2C1D59088B1EN.html

Date: May 2021

Pages: 155

Price: US\$ 3,060.00 (Single User License)

ID: G2C1D59088B1EN

Abstracts

Global nuclear waste management market will reach \$48.6 billion by 2027, growing by 2.8% annually over 2020-2027 driven by the rising demand for clean energy and an increasing number of nuclear-decommissioning projects.

Highlighted with 99 tables and 73 figures, this 155-page report "Global Nuclear Waste Management Market 2020-2027 by Waste Type (LLW, ILW, HLW), Source (Nuclear Fuel Cycle, Research, Military), Reactor Type (PWR, BWR, PHWR, HTGCR, LMFBR), and Region: Trend Outlook and Growth Opportunity" is based on a comprehensive research of the entire global nuclear waste management market and all its subsegments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate/forecast from 2020 till 2027 with 2019 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure



Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify global nuclear waste management market in every aspect of the classification from perspectives of by Waste Type, Source, Reactor Type, and Region.

Based on Waste Type, the global market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Low-level Waste (LLW)

Intermediate-level Waste (ILW)

High-level Waste (HLW)

Based on Source, the global market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Nuclear Fuel Cycle

Radioactive Mining, Milling & Extracting Activities

Nuclear Power Reactors

Research, Medical & Industrial Source

Military & Defense Programs

Other Sources



Based on Reactor Type, the global market is segmented into the following sub-markets with annual revenue for 2017-2027 included in each section.

Pressurized Water Reactor (PWR)

Boiling Water Reactor (BWR)

Pressurized Heavy Water Reactor (PHWR)

High-temperature Gas Cooled Reactor (HTGCR)

Liquid Metal Fast Breeder Reactor (LMFBR)

Geographically, the following regions together with the listed national/local markets are fully investigated:

APAC (Japan, China, South Korea, Pakistan, India, and Rest of APAC)

Europe (Germany, UK, France, Ukraine, Sweden, Russia, Rest of Europe)

North America (U.S., Canada, and Mexico)

South America (Brazil, Colombia, Argentina, Rest of South America)

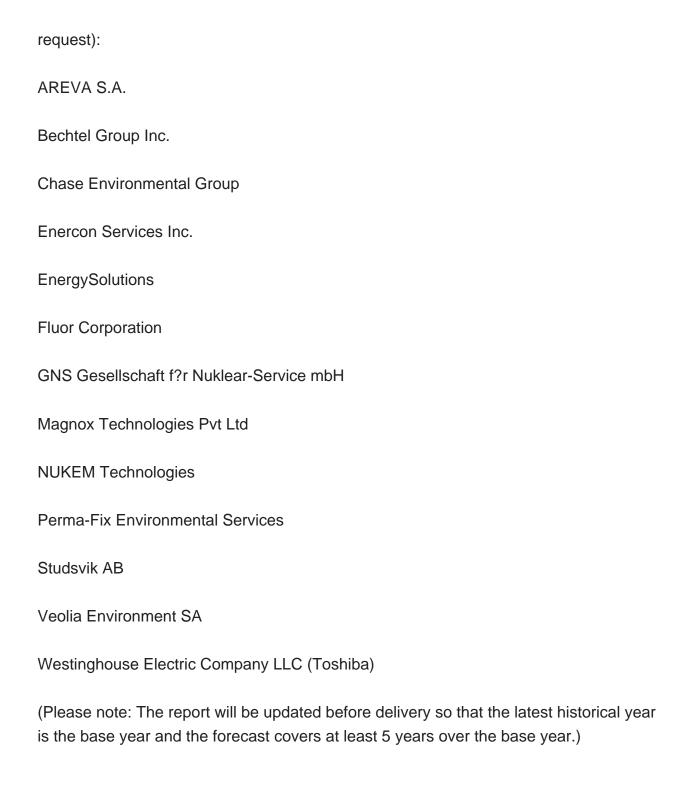
MEA (UAE, Iran, South Africa)

For each aforementioned region and country, detailed analysis and data for annual revenue are available for 2017-2027. The breakdown of all regional markets by country and split of key national markets by Waste Type, Source, and Reactor Type over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Key Players (this may not be a complete list and extra companies can be added upon







Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF GLOBAL MARKET BY WASTE TYPE

- 3.1 Market Overview by Waste Type
- 3.2 Low-level Waste (LLW)
- 3.3 Intermediate-level Waste (ILW)
- 3.4 High-level Waste (HLW)

4 SEGMENTATION OF GLOBAL MARKET BY SOURCE

- 4.1 Market Overview by Source
- 4.2 Nuclear Fuel Cycle
- 4.3 Research, Medical & Industrial Source



- 4.4 Military & Defense Programs
- 4.5 Other Sources

5 SEGMENTATION OF GLOBAL MARKET BY REACTOR TYPE

- 5.1 Market Overview by Reactor Type
- 5.2 Pressurized Water Reactor (PWR)
- 5.3 Boiling Water Reactor (BWR)
- 5.4 Pressurized Heavy Water Reactor (PHWR)
- 5.5 High-temperature Gas Cooled Reactor (HTGCR)
- 5.6 Liquid Metal Fast Breeder Reactor (LMFBR)

6 SEGMENTATION OF GLOBAL MARKET BY REGION

- 6.1 Geographic Market Overview 2020-2027
- 6.2 North America Market 2020-2027 by Country
 - 6.2.1 Overview of North America Market
 - 6.2.2 U.S.
 - 6.2.3 Canada
 - 6.2.4 Mexico
- 6.3 European Market 2020-2027 by Country
 - 6.3.1 Overview of European Market
 - 6.3.2 UK
 - 6.3.3 France
 - 6.3.4 Germany
 - 6.3.5 Ukraine
 - 6.3.6 Sweden
 - 6.3.7 Russia
 - 6.3.8 Rest of European Market
- 6.4 Asia-Pacific Market 2020-2027 by Country
 - 6.4.1 Overview of Asia-Pacific Market
 - 6.4.2 China
 - 6.4.3 Japan
 - 6.4.4 India
 - 6.4.5 Pakistan
 - 6.4.6 South Korea
 - 6.4.7 Rest of APAC Region
- 6.5 South America Market 2020-2027 by Country
 - 6.5.1 Argentina



- 6.5.2 Brazil
- 6.5.3 Colombia
- 6.5.4 Rest of South America Market
- 6.6 MEA Market 2020-2027 by Country
 - 6.6.1 UAE
 - 6.6.2 Iran
 - 6.6.3 South Africa
 - 6.6.4 Other National Markets

7 COMPETITIVE LANDSCAPE

- 7.1 Overview of Key Vendors
- 7.2 New Product Launch, Partnership, Investment, and M&A
- 7.3 Company Profiles
- AREVA S.A.
- Bechtel Group Inc.
- Chase Environmental Group
- Enercon Services Inc.
- **EnergySolutions**
- Fluor Corporation
- GNS Gesellschaft f?r Nuklear-Service mbH
- Magnox Technologies Pvt Ltd
- **NUKEM Technologies**
- Perma-Fix Environmental Services
- Studsvik AB
- Veolia Environment SA
- Westinghouse Electric Company LLC (Toshiba)
- Related Reports and Products



List Of Tables

LIST OF TABLES

- Table 1. Snapshot of Global Nuclear Waste Management Market in Balanced Perspective, 2020-2027
- Table 2. World Announced Nuclear Plant Construction, 2021-2027
- Table 3. Growth Rate of World GDP, 2020-2022
- Table 4. Main Product Trends and Market Opportunities in Global Nuclear Waste Management Market
- Table 5. Global Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 6. Global Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 7. Global Nuclear Waste Management Market: Nuclear Fuel Cycle by Segment, 2017-2027, \$ mn
- Table 8. Global Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 9. Global Nuclear Waste Management Market by Region, 2017-2027, \$ mn
- Table 10. Leading National Nuclear Waste Management Market, 2020 and 2027, \$ mn
- Table 11. North America Nuclear Waste Management Market by Country, 2017-2027, \$ mn
- Table 12. Nuclear Power and Demonstration Reactors Undergoing Decommissioning in United States, May 2020
- Table 13. Research and Test Reactors Undergoing Decommissioning in United States, May 2020
- Table 14. U.S. Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 15. U.S. Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 16. U.S. Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 17. Canada Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 18. Canada Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 19. Canada Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 20. Mexico Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 21. Mexico Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 22. Mexico Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 23. Europe Nuclear Waste Management Market by Country, 2017-2027, \$ mn
- Table 24. Power Reactors Under Construction in UK
- Table 25. UK Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 26. UK Nuclear Waste Management Market by Source, 2017-2027, \$ mn



- Table 27. UK Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 28. France Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 29. France Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 30. France Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 31. Germany Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 32. Germany Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 33. Germany Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 34. Ukraine Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 35. Ukraine Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 36. Ukraine Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 37. Sweden Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 38. Sweden Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 39. Sweden Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 40. Nuclear Power Reactors Planned or Proposed in Russia
- Table 41. Nuclear Power Reactors under Construction in Russia
- Table 42. Russia Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 43. Russia Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 44. Russia Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 45. APAC Nuclear Waste Management Market by Country, 2017-2027, \$ mn
- Table 46. Low and Intermediate Waste Disposal Sites in China
- Table 47. Nuclear Fuel Cycle Facilities in China
- Table 48. China Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 49. China Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 50. China Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 51. Spent Fuel Facilities in Japan
- Table 52. Major Nuclear Power Reactors in Decommissioning Phase in Japan
- Table 53. Japan Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 54. Japan Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 55. Japan Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn



- Table 56. Spent Fuel Facilities in India
- Table 57. India Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 58. India Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 59. India Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 60. Pakistan Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 61. Pakistan Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 62. Pakistan Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 63. Nuclear Research Undergoing Decommissioning in South Korea, May 2020
- Table 64. South Korea Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 65. South Korea Nuclear Waste Management Market by Source, 2017-2027, \$
- Table 66. South Korea Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 67. South America Nuclear Waste Management Market by Country, 2017-2027, \$ mn
- Table 68. Nuclear Power Reactors Planned & Under Construction in Argentina
- Table 69. Nuclear Power Operable Reactors in Argentina
- Table 70. Spent Fuel Storage Facility in Argentina
- Table 71. Argentina Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 72. Argentina Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 73. Argentina Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 74. Nuclear Power Reactors Under Construction in Brazil
- Table 75. Nuclear Power Operable Reactors in Brazil
- Table 76. Brazil Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 77. Brazil Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 78. Brazil Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 79. Colombia Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn
- Table 80. Colombia Nuclear Waste Management Market by Source, 2017-2027, \$ mn
- Table 81. Colombia Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn
- Table 82. MEA Nuclear Waste Management Market by Country, 2017-2027, \$ mn
- Table 83. Nuclear Power Reactors Under Construction and Planned in UAE
- Table 84. UAE Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn



Table 85. UAE Nuclear Waste Management Market by Source, 2017-2027, \$ mn

Table 86. UAE Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn

Table 87. Nuclear Power Reactors Under Construction in Iran

Table 88. Iran Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn

Table 89. Iran Nuclear Waste Management Market by Source, 2017-2027, \$ mn

Table 90. Iran Nuclear Waste Management Market by Reactor Type, 2017-2027, \$ mn

Table 91. Nuclear Power Reactors Operating in South Africa

Table 92. South Africa Nuclear Waste Management Market by Waste Type, 2017-2027, \$ mn

Table 93. South Africa Nuclear Waste Management Market by Source, 2017-2027, \$ mn

Table 94. South Africa Nuclear Waste Management Market by Reactor Type,

2017-2027, \$ mn

Table 96. AREVA S.A.: Company Snapshot

Table 97. AREVA S.A.: Business Segmentation

Table 98. AREVA S.A.: Product Portfolio

Table 99. AREVA S.A.: Revenue, 2017-2019, \$ mn



List Of Figures

LIST OF FIGURES

- Figure 1. Research Method Flow Chart
- Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation
- Figure 3. Global Market Forecast in Optimistic, Conservative and Balanced

Perspectives, 2020-2027

- Figure 4. Global Nuclear Waste Management Market, 2017-2027, \$ mn
- Figure 5. Number of Operable Nuclear Reactors Worldwide, 1970-2020
- Figure 6. Impact of COVID-19 on Business
- Figure 7. Primary Drivers and Impact Factors of Global Nuclear Waste Management Market
- Figure 8. Worldwide Nuclear Electricity Production, TWh, 1970-2019
- Figure 9. Worldwide Nuclear Generation by Country, TWh, 2019
- Figure 10. World Nuclear Electricity Production by Region, 2019, %
- Figure 11. Primary Restraints and Impact Factors of Global Nuclear Waste Management Market
- Figure 12. Investment Opportunity Analysis
- Figure 13. Porter's Fiver Forces Analysis of Global Nuclear Waste Management Market
- Figure 14. Breakdown of Global Nuclear Waste Management Market by Waste Type,

2020-2027, % of Revenue

- Figure 15. Contribution to Global 2021-2027 Cumulative Revenue by Waste Type,
- Value (\$ mn) and Share (%)
- Figure 16. Global Nuclear Waste Management Market: Low-level Waste (LLW),

2017-2027, \$ mn

Figure 17. Global Nuclear Waste Management Market: Intermediate-level Waste (ILW),

2017-2027, \$ mn

Figure 18. Global Nuclear Waste Management Market: High-level Waste (HLW),

2017-2027, \$ mn

Figure 19. Breakdown of Global Nuclear Waste Management Market by Source,

2020-2027, % of Revenue

- Figure 20. Contribution to Global 2021-2027 Cumulative Revenue by Source, Value (\$mn) and Share (%)
- Figure 21. Global Nuclear Waste Management Market: Nuclear Fuel Cycle, 2017-2027, \$ mn
- Figure 22. Global Nuclear Waste Management Market: Research, Medical & Industrial Source, 2017-2027, \$ mn
- Figure 23. Global Nuclear Waste Management Market: Military & Defense Programs,



2017-2027, \$ mn

Figure 24. Global Nuclear Waste Management Market: Other Sources, 2017-2027, \$ mn

Figure 25. Breakdown of Global Nuclear Waste Management Market by Reactor Type, 2020-2027, % of Revenue

Figure 26. Contribution to Global 2021-2027 Cumulative Revenue by Reactor Type, Value (\$ mn) and Share (%)

Figure 27. Global Nuclear Waste Management Market: Pressurized Water Reactor (PWR), 2017-2027, \$ mn

Figure 28. Global Nuclear Waste Management Market: Boiling Water Reactor (BWR), 2017-2027, \$ mn

Figure 29. Global Nuclear Waste Management Market: Pressurized Heavy Water Reactor (PHWR), 2017-2027, \$ mn

Figure 30. Global Nuclear Waste Management Market: High-temperature Gas Cooled Reactor (HTGCR), 2017-2027, \$ mn

Figure 31. Global Nuclear Waste Management Market: Liquid Metal Fast Breeder Reactor (LMFBR), 2017-2027, \$ mn

Figure 32. Global Market Snapshot by Region

Figure 33. Geographic Spread of Worldwide Nuclear Waste Management Market, 2020-2027, % of Revenue

Figure 34. Contribution to Global 2021-2027 Cumulative Revenue by Region, Value (\$mn) and Share (%)

Figure 35. North American Nuclear Waste Management Market, 2017-2027, \$ mn

Figure 36. Breakdown of North America Nuclear Waste Management Market by Country, 2020 and 2027, % of Revenue

Figure 37. Contribution to North America 2021-2027 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 38. U.S. Nuclear Waste Management Market, 2017-2027, \$ mn

Figure 39. Canada Nuclear Waste Management Market, 2017-2027, \$ mn

Figure 40. Nuclear Waste Management Market in Mexico, 2017-2027, \$ mn

Figure 41. European Nuclear Waste Management Market, 2017-2027, \$ mn

Figure 42. Breakdown of European Nuclear Waste Management Market by Country, 2020 and 2027, % of Revenue

Figure 43. Contribution to Europe 2021-2027 Cumulative Revenue by Country, Value (\$mn) and Share (%)

Figure 44. Nuclear Waste Management Market in UK, 2017-2027, \$ mn

Figure 45. Nuclear Waste Management Market in France, 2017-2027, \$ mn

Figure 46. Nuclear Waste Management Market in Germany, 2017-2027, \$ mn

Figure 47. Nuclear Waste Management Market in Ukraine, 2017-2027, \$ mn



- Figure 48. Nuclear Waste Management Market in Sweden, 2017-2027, \$ mn
- Figure 49. Nuclear Waste Management Market in Russia, 2017-2027, \$ mn
- Figure 50. Nuclear Waste Management Market in Rest of Europe, 2017-2027, \$ mn
- Figure 51. Asia-Pacific Nuclear Waste Management Market, 2017-2027, \$ mn
- Figure 52. Breakdown of APAC Nuclear Waste Management Market by Country, 2020 and 2027, % of Revenue
- Figure 53. Contribution to APAC 2021-2027 Cumulative Revenue by Country, Value (\$mn) and Share (%)
- Figure 54. Nuclear Waste Management Market in China, 2017-2027, \$ mn
- Figure 55. Nuclear Waste Management Market in Japan, 2017-2027, \$ mn
- Figure 56. Nuclear Waste Management Market in India, 2017-2027, \$ mn
- Figure 57. Nuclear Waste Management Market in Pakistan, 2017-2027, \$ mn
- Figure 58. Nuclear Waste Management Market in South Korea, 2017-2027, \$ mn
- Figure 59. Nuclear Waste Management Market in Rest of APAC, 2017-2027, \$ mn
- Figure 60. South America Nuclear Waste Management Market, 2017-2027, \$ mn
- Figure 61. Breakdown of South America Nuclear Waste Management Market by Country, 2020 and 2027, % of Revenue
- Figure 62. Contribution to South America 2021-2027 Cumulative Revenue by Country, Value (\$ mn) and Share (%)
- Figure 63. Nuclear Waste Management Market in Argentina, 2017-2027, \$ mn
- Figure 64. Nuclear Waste Management Market in Brazil, 2017-2027, \$ mn
- Figure 65. Nuclear Waste Management Market in Colombia, 2017-2027, \$ mn
- Figure 66. Nuclear Waste Management Market in Rest of South America, 2017-2027, \$ mn
- Figure 67. Nuclear Waste Management Market in Middle East and Africa (MEA), 2017-2027, \$ mn
- Figure 68. Breakdown of MEA Nuclear Waste Management Market by Country, 2020 and 2027, % of Revenue
- Figure 69. Contribution to MEA 2021-2027 Cumulative Revenue by Country, Value (\$ mn) and Share (%)
- Figure 70. Nuclear Waste Management Market in UAE, 2017-2027, \$ mn
- Figure 71. Nuclear Waste Management Market in Iran, 2017-2027, \$ mn
- Figure 72. Nuclear Waste Management Market in South Africa, 2017-2027, \$ mn
- Figure 73. Growth Stage of Global Nuclear Waste Management Industry over the Forecast Period



I would like to order

Product name: Global Nuclear Waste Management Market 2020-2027 by Waste Type (LLW, ILW, HLW),

Source (Nuclear Fuel Cycle, Research, Military), Reactor Type (PWR, BWR, PHWR,

HTGCR, LMFBR), and Region: Trend Outlook and Growth Opportunity

Product link: https://marketpublishers.com/r/G2C1D59088B1EN.html

Price: US\$ 3,060.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G2C1D59088B1EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below



and fax the completed form to +44 20 7900 3970