

# Global Green Cement and Concrete Market Size study & Forecast, by Type (Fly ash based, Geopolymer, Slag based, Others), by Application (Commercial, Industrial, Infrastructure, Residential, Others) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/GB66C2D5B910EN.html>

Date: June 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GB66C2D5B910EN

## Abstracts

Global Green Cement and Concrete Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Green cement and concrete are innovative and sustainable alternatives to traditional cement and concrete materials used in construction. They are designed to reduce the carbon footprint and environmental impact associated with conventional cement production. Green cement aims to minimize this impact by using alternative materials such as fly ash, blast furnace slag, rice husk ash, or other industrial byproducts as partial replacements for clinker. These materials are waste products from other industries, and their use in cement production reduces the need for mining raw materials and decreases CO<sub>2</sub> emissions. The Green Cement and Concrete Market is expanding because of factors such as stringent regulations and policies for limiting carbon emissions and increasing construction activities across the globe.

To maintain sustainable goals, governments around the world are promoting the reduction of carbon emissions by implementing a variety of measures, including national sustainable development strategies, and national green growth strategies which are driving the market growth. For instance, The Chinese government, which has the second-largest economy in the world, strives towards environmental sustainability through several regulations and projects. On September 22, 2020, During the General Debate of the 75th session of the United Nations General Assembly, Chinese President Xi Jinping announced that China would increase its Intended Nationally Determined Contributions by implementing more robust policies and initiatives. The peak of CO<sub>2</sub>

emissions is projected to occur in 2030, and it also aspires to become carbon neutral by 2060. In addition to these, the German government established further targets in July 2021 to cut carbon emissions and attain greenhouse gas neutrality by 2045. The country wants to cut its carbon emissions by 65% by 2030 and 88% by 2040 when compared to 1990. In addition, growing green building initiatives and increasing technological advancement in materials are creating lucrative growth in the market. However, the high cost of Green Cement and Concrete stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Green Cement and Concrete Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the rising construction industry in the region, rising adoption of green building initiatives, and rising government initiatives for limiting carbon emissions. Europe is expected to grow significantly during the forecast period, owing to factors such as the rising development of smart cities, rising government stringent regulation for carbon emission and green building development in the region.

Major market player included in this report are:

Anhui Conch Cement Company Limited  
Calera Corporation  
CeraTech Inc  
China National Building Material Company Limited (CNBM)  
HeidelbergCement AG  
Italcementi S.P.A  
Holcim Limited  
Siam Cement Public Company (SCG) Limited  
Taiwan Cement Corporation  
Votorantim cimentos S.A.

Recent Developments in the Market:

In January 2023, ACC Limited announced the launch of 'ACC ECOMaxX', a green cement concrete tiling a Specialized Green Ready Mix Technology, the products are created with a maximum environmental impact by reducing CO2 emissions by up to 100%. The cutting-edge product line is produced using CO2-reduced binders and an optimized mix design to improve durability and finish.

In December 2022, Holcim Azerbaijan announced the launch of ECOPlanet. Its first environmentally friendly cement was sold under the Optimal and Inshaatchi brand names. Limestone-based cement is the newest additions to the company's product line.

Global Green Cement and Concrete Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Typeofferings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Fly ash based

Geopolymer

Slag based

Others

By Application:

Commercial

Industrial

Infrastructure

Residential

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Green Cement and Concrete Market, by Region, 2020-2030 (USD Billion)
  - 1.2.2. Green Cement and Concrete Market, by Type, 2020-2030 (USD Billion)
  - 1.2.3. Green Cement and Concrete Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL GREEN CEMENT AND CONCRETE MARKET DEFINITION AND SCOPE**

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

### **CHAPTER 3. GLOBAL GREEN CEMENT AND CONCRETE MARKET DYNAMICS**

- 3.1. Green Cement and Concrete Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Stringent regulations and policies for limiting carbon emissions
    - 3.1.1.2. Increasing Construction Activities
  - 3.1.2. Market Challenges
    - 3.1.2.1. High Cost of Green Cement and Concrete
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growing green building initiatives
    - 3.1.3.2. Increasing technological advancement in materials

### **CHAPTER 4. GLOBAL GREEN CEMENT AND CONCRETE 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
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL GREEN CEMENT AND CONCRETE MARKET, BY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Green Cement and Concrete Market by Type, Performance - Potential Analysis
- 5.3. Global Green Cement and Concrete Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Green Cement and Concrete Market, Sub Segment Analysis
  - 5.4.1. Fly ash based
  - 5.4.2. Geopolymer
  - 5.4.3. Slag based
  - 5.4.4. Others

## **CHAPTER 6. GLOBAL GREEN CEMENT AND CONCRETE MARKET, BY APPLICATION**

- 6.1. Market Snapshot
- 6.2. Global Green Cement and Concrete Market by Application, Performance - Potential Analysis

6.3. Global Green Cement and Concrete Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

6.4. Green Cement and Concrete Market, Sub Segment Analysis

6.4.1. Commercial

6.4.2. Industrials

6.4.3. Infrastructure

6.4.4. Residential

6.4.5. Others

## **CHAPTER 7. GLOBAL GREEN CEMENT AND CONCRETE MARKET, REGIONAL ANALYSIS**

7.1. Top Leading Countries

7.2. Top Emerging Countries

7.3. Green Cement and Concrete Market, Regional Market Snapshot

7.4. North America Green Cement and Concrete Market

7.4.1. U.S. Green Cement and Concrete Market

7.4.1.1. Type breakdown estimates & forecasts, 2020-2030

7.4.1.2. Application breakdown estimates & forecasts, 2020-2030

7.4.2. Canada Green Cement and Concrete Market

7.5. Europe Green Cement and Concrete Market Snapshot

7.5.1. U.K. Green Cement and Concrete Market

7.5.2. Germany Green Cement and Concrete Market

7.5.3. France Green Cement and Concrete Market

7.5.4. Spain Green Cement and Concrete Market

7.5.5. Italy Green Cement and Concrete Market

7.5.6. Rest of Europe Green Cement and Concrete Market

7.6. Asia-Pacific Green Cement and Concrete Market Snapshot

7.6.1. China Green Cement and Concrete Market

7.6.2. India Green Cement and Concrete Market

7.6.3. Japan Green Cement and Concrete Market

7.6.4. Australia Green Cement and Concrete Market

7.6.5. South Korea Green Cement and Concrete Market

7.6.6. Rest of Asia Pacific Green Cement and Concrete Market

7.7. Latin America Green Cement and Concrete Market Snapshot

7.7.1. Brazil Green Cement and Concrete Market

7.7.2. Mexico Green Cement and Concrete Market

7.8. Middle East & Africa Green Cement and Concrete Market

7.8.1. Saudi Arabia Green Cement and Concrete Market

7.8.2. South Africa Green Cement and Concrete Market

7.8.3. Rest of Middle East & Africa Green Cement and Concrete Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

8.1. Key Company SWOT Analysis

8.1.1. Company

8.1.2. Company

8.1.3. Company

8.2. Top Market Strategies

8.3. Company Profiles

8.3.1. Anhui Conch Cement Company Limited

8.3.1.1. Key Information

8.3.1.2. Overview

8.3.1.3. Financial (Subject to Data Availability)

8.3.1.4. Product Summary

8.3.1.5. Recent Developments

8.3.2. Calera Corporation

8.3.3. CeraTech Inc

8.3.4. China National Building Material Company Limited (CNBM)

8.3.5. HeidelbergCement AG

8.3.6. Italcementi S.P.A

8.3.7. Holcim Limited.

8.3.8. Siam Cement Public Company (SCG) Limited

8.3.9. Taiwan Cement Corporation

8.3.10. Votorantim cimentos S.A.

## **CHAPTER 9. RESEARCH PROCESS**

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

9.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Green Cement and Concrete Market, report scope

TABLE 2. Global Green Cement and Concrete Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Green Cement and Concrete Market estimates & forecasts by Type 2020-2030 (USD Billion)

TABLE 4. Global Green Cement and Concrete Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 5. Global Green Cement and Concrete Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 6. Global Green Cement and Concrete Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Green Cement and Concrete Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Green Cement and Concrete Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Green Cement and Concrete Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Green Cement and Concrete Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Green Cement and Concrete Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Green Cement and Concrete Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Green Cement and Concrete Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Green Cement and Concrete Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. U.S. Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 17. U.S. Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. Canada Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 19. Canada Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Green Cement and Concrete Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. China Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Green Cement and Concrete Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. RoMEA Green Cement and Concrete Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Green Cement and Concrete Market

TABLE 70. List of primary sources, used in the study of global Green Cement and Concrete Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Green Cement and Concrete Market, research methodology
- FIG 2. Global Green Cement and Concrete Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Green Cement and Concrete Market, key trends 2022
- FIG 5. Global Green Cement and Concrete Market, growth prospects 2023-2030
- FIG 6. Global Green Cement and Concrete Market, porters 5 force model
- FIG 7. Global Green Cement and Concrete Market, pest analysis
- FIG 8. Global Green Cement and Concrete Market, value chain analysis
- FIG 9. Global Green Cement and Concrete Market by segment, 2020 & 2030 (USD Billion)
- FIG 10. Global Green Cement and Concrete Market by segment, 2020 & 2030 (USD Billion)
- FIG 11. Global Green Cement and Concrete Market by segment, 2020 & 2030 (USD Billion)
- FIG 12. Global Green Cement and Concrete Market by segment, 2020 & 2030 (USD Billion)
- FIG 13. Global Green Cement and Concrete Market by segment, 2020 & 2030 (USD Billion)
- FIG 14. Global Green Cement and Concrete Market, regional snapshot 2020 & 2030
- FIG 15. North America Green Cement and Concrete Market 2020 & 2030 (USD Billion)
- FIG 16. Europe Green Cement and Concrete Market 2020 & 2030 (USD Billion)
- FIG 17. Asia pacific Green Cement and Concrete Market 2020 & 2030 (USD Billion)
- FIG 18. Latin America Green Cement and Concrete Market 2020 & 2030 (USD Billion)
- FIG 19. Middle East & Africa Green Cement and Concrete Market 2020 & 2030 (USD Billion)

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## I would like to order

Product name: Global Green Cement and Concrete Market Size study & Forecast, by Type (Fly ash based, Geopolymer, Slag based, Others), by Application (Commercial, Industrial, Infrastructure, Residential, Others) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/GB66C2D5B910EN.html>

Price: US\$ 4,950.00 (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/GB66C2D5B910EN.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**

Customer 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